DOI Link	Title	Source title	Publication date	Authors (Raw Affiliation)
https://doi.org/10.1016/j.ccr.2024.215763	Optimal exploitation of supported heterogenized Pd nanoparticles for C-C cross-coupling reactions	Coordination Chemistry Reviews	2024-05	Srivastava, Abhay (Materials Research Centre, Indian Institute of Science, Bangalore, India); Kaur, Harsimar (Department of Chemistry, Sri Venkateswara College, University of Delhi, New Delhi 110 021, India); Pahuja, Harsh (Department of Chemistry, Sri Venkateswara College, University of Delhi, New Delhi 110 021, India); Rangarajan, T.M. (Department of Chemistry, Sri Venkateswara College, University of Delhi, New Delhi 110 021, India); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic); Pasricha, Sharda (Department of Chemistry, Sri Venkateswara College, University of Delhi, New Delhi 110 021, India)
https://doi.org/10.1021/acsbiomaterials.3c01361	Integration of MXene and Microfluidics: A Perspective	ACS Biomaterials Science & Engineering	2024-01-19	Safarkhani, Moein (NanoBio High-Tech Materials Research Center, Department of Biological Sciences and Bioengineering, Inha University, 100 Inha-ro, Incheon, 22212, Republic of Korea); Far, Bahareh Farasati (Department of Chemistry, Iran University of Science and Technology, Tehran, 1684611367, Iran); Lima, Eder C. (Institute of Chemistry, Federal University of Rio Grande do Sul (UFRGS), Avenida Bento Goncalves 9500, Caixa Postal 15003, Porto Alegre CEP, 91501-970, Rio Grande do Sul, Brazil); Jafarzadeh, Shima (Centre for Sustainable Bioproducts, Deakin University, Waurn Ponds, VIC 3217, Australia); Makvandi, Pooyan (School of Engineering, Institute for Bioengineering, The University of Edinburgh, Edinburgh, EH9 3JL, United Kingdom); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec, 1 461 17, Czech Republic); Huh, YunSuk (NanoBio High-Tech Materials Research Center, Department of Biological Sciences and Bioengineering, Inha University, 100 Inha-ro, Incheon, 22212, Republic of Korea); Warkiani, Majid Ebrahimi (School of Biomedical Engineering, University of Technology Sydney, Ultimo, New South Wales, 2007, Australia; Institute for Biomedical Materials and Devices (IBMD), University of Technology Sydney, Sydney, New South Wales, 2007, Australia); Rabiee, Navid (Centre for Molecular Medicine and Innovative Therapeutics, Murdoch University, Perth, Western Australia, 6150, Australia; School of Engineering, Macquarie University, Sydney, New South Wales, 2109, Australia)
https://doi.org/10.1016/j.biopha.2024.116160	The posterity of Zebrafish in paradigm of in vivo molecular toxicological profiling	Biomedicine & Pharmacotherapy	2024-01-17	Verma, Suresh K (School of Biotechnology, KIIT University, Bhubaneswar, India. Electronic address: sureshverma22@gmail.com.); Nandi, Aditya (School of Biotechnology, KIIT University, Bhubaneswar, India.); Sinha, Adrija (School of Biotechnology, KIIT University, Bhubaneswar, India.); Patel, Paritosh (School of Biotechnology, KIIT University, Bhubaneswar, India; Plasma Bioscience Research Center, Department of Electrical and Biological Physics, Kwangwoon University, 01897, Seoul, South Korea.); Mohanty, Swabhiman (School of Biotechnology, KIIT University, Bhubaneswar, India.); Jha, Ealisha (School of Biotechnology, KIIT University, Bhubaneswar, India.); Jena, Snehasmita (School of Biotechnology, KIIT University, Bhubaneswar, India.); Kumari, Puja (RECETOX, Faculty of Science, Masaryk University, Kotlarska 2, Brno 61137, Czech Republic.); Ghosh, Aishee (School of Biotechnology, KIIT University, Bhubaneswar, India.); Jerman, Iwo (National Institute of Chemistry, Hajdrihova 19, 1000 Ljubljana, Slovenia.); Chouhan, Raghuraj Singh (Department of Environmental Sciences, Jožef Stefan Institute, Jamova 39, 1000 Ljubljana, Slovenia.); Dutt, Ateet (Instituto de Investigaciones en Materiales, UNAM, CDMX, Mexico.); Samal, Shailesh Kumar (Unit of Immunology and Chronic Disease, Institute of Environmental Medicine, Karolinska Institutet, 17177 Stockholm, Sweden.); Mishra, Yogendra Kumar (Mads Clausen Institute, NanoSYD, University of Southern Denmark, Alsion 2, Sønderborg DK-6400, Denmark.); Varma, Rajender S (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic.); Panda, Pritam Kumar (Condensed Matter Theory Group, Materials Theory Division, Department of Physics and Astronomy, Uppsala University, Box 516, SE-751 20 Uppsala, Sweden.); Kaushik, Nagendra Kumar (Plasma Bioscience Research Center, Department of Electrical and Biological Physics, Kwangwoon University, 01897, Seoul, South Korea. Electronic address: kaushik.nagendra@kw.ac.kr); Singh, Desobrat (Condensed Matter Theory Group, Materials Theory Division, Department of Physics and Astronomy, Uppsala University, Box 516, SE-751 20 Uppsala, Sweden. Electronic address: deobrat.singh@physics.uu.se.); Suar, Mrutyunjay (School of Biotechnology, KIIT University, Bhubaneswar, India. Electronic address: msuar@kiitbiotech.ac.in.)
https://doi.org/10.1016/j.molliq.2023.123707	MEDT Study, hemisynthesis via regioselective ring opening of α-Himachalene-Epoxides, ADME survey and docking studies designed to target coronavirus and HIV-1	Journal of Molecular Liquids	2024-01	Ajlaoui, Rahhal El (Department of Chemistry, Faculty of Applied Sciences, IBN ZOHR University, N10. BP 6146, Ait Melloul, 86150 Agadir, Morocco; Biotechnology, Materials and Environment team, Faculty of the Sciences, IBN ZOHR University, Agadir, Morocco); Raji, Houria (Laboratory of Biomolecular Chemistry, Natural Substances and Reactivity, URAC 16, Faculty of Sciences Semlalia, Cadi Ayyad University, P.O. Box 2390, Marrakech, Morocco; Molecular Modelling and Spectroscopy Research Team, Faculty of Science, Chouaib Doukkali University, P.O. Box 20, 24000 El Jadida, Morocco); Ouardi, Mahmoud El (Department of Chemistry, Faculty of Applied Sciences, IBN ZOHR University, N10. BP 6146, Ait Melloul, 86150 Agadir, Morocco); Chakroun, Ahmed (Laboratory of Biomolecular Chemistry, Natural Substances and Reactivity, URAC 16, Faculty of Sciences Semlalia, Cadi Ayyad University, P.O. Box 2390, Marrakech, Morocco); Zeroual, Abdellah (Molecular Modelling and Spectroscopy Research Team, Faculty of Science, Chouaib Doukkali University, P.O. Box 20, 24000 El Jadida, Morocco); Syed, Asad (Department of Botany and Microbiology, College of Science, King Saud University, P.O. Box 2455, Riyadh, 11451, Saudi Arabia); Bahkali, Ali H. (Department of Botany and Microbiology, College of Science, King Saud University, P.O. Box 2455, Riyadh, 11451, Saudi Arabia); Elgorban, Abdallah M. (Centre of Excellence in Biotechnology Research, King Saud University, Riyadh, Saudi Arabia); Verma, Meenakshi (University Centre for Research Development, Department of Chemistry, Chandigarh University Gharuan, Mohali, India); Benharref, Ahmed (Laboratory of Biomolecular Chemistry, Natural Substances and Reactivity, URAC 16, Faculty of Sciences Semlalia, Cadi Ayyad University, P.O. Box 2390, Marrakech, Morocco); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic)
https://doi.org/10.1016/j.chphi.2023.100255	Greener fabrication of metal nanoparticles using plant materials: A review	Chemical Physics Impact	2023-12	Bagheri, Ahmad Reza (Department of Chemistry, Yasouj University, Yasouj 75918-74831, Iran); Aramesh, Nahal (Department of Chemistry, University of Isfahan, Isfahan 81746-73441, Iran); Hasnain, Saquib (Department of Pharmacy, Palamau Institute of Pharmacy, Chianki, Daltonganj, Jharkhand 822102, India); Nayak, Amit Kumar (Department of Pharmaceutics, School of Pharmaceutical Sciences, Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar, Odisha 751003, India); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic)
https://doi.org/10.1016/j.jece.2023.111183	In vivo molecular biocompatibility of Calotropis gigentea contrived smart Poly(N-isopropylacrylamide)-co-sulphonic-Silver microgel hybrid with embryonic Danio rerio inferred via intrinsic atomic physiological impacts	Journal of Environmental Chemical Engineering	2023-12	Jha, Ealisha (School of Biotechnology, KIIT University, Bhubaneswar 751024, India); Patel, Paritosh (School of Biotechnology, KIIT University, Bhubaneswar 751024, India; Plasma Bioscience Research Center, Department of Electrical and Biological Physics, Kwangwoon University, Seoul 01897, Republic of Korea); Kumari, Puja (RECETOX, Faculty of Science, Masaryk University, Brno 60300, Czech Republic); Verma, Krishn Kumar (KIIT-TBI, KIIT University, Campus 11, Bhubaneswar 751024, India); Panda, Pritam Kumar (Mads Clausen Institute, NanoSYD, University of Southern Denmark, Alsion 2, Sønderborg DK-6400, Denmark); Mohanty, Priti S. (School of Biotechnology, KIIT University, Bhubaneswar 751024, India); Patro, Swadheena (Kalinga Institute of dental Sciences, KIIT University, Bhubaneswar 751024, India); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1461 17, Czech Republic); Mishra, Yogendra Kumar (Mads Clausen Institute, NanoSYD, University of Southern Denmark, Alsion 2, Sønderborg DK-6400, Denmark); Kaushik, Nagendra Kumar (Plasma Bioscience Research Center, Department of Electrical and Biological Physics, Kwangwoon University, Seoul 01897, Republic of Korea); Suar, Mrutyunjay (School of Biotechnology, KIIT University, Bhubaneswar 751024, India; KIIT-TBI, KIIT University, Campus 11, Bhubaneswar 751024, India); Verma, Suresh K. (School of Biotechnology, KIIT University, Bhubaneswar 751024, India)
https://doi.org/10.1016/j.inoche.2023.111357	Applications of nanostructured semiconductor photocatalysts for the decontamination of assorted pollutants from wastewater	Inorganic Chemistry Communications	2023-11	Khodabandeloo, Farhad (Department of Applied Chemistry, Faculty of Chemistry, Kharazmi University, Tehran, Iran); Shahsavarifar, Samaneh (Center of Excellence in Electrochemistry, Faculty of Chemistry, University of Tehran, Tehran, Iran; Faculty of Chemistry, Kharazmi University, Tehran, Iran); Nayebi, Behnam (Civil and Environmental Engineering Department, Tarbiat Modares University, Tehran, Iran); Niavol, Kasra Pourrostami (Civil and Environmental Engineering Department, Tarbiat Modares University, Tehran, Iran; Civil and Environmental Engineering Department, College of Engineering, Temple University, Philadelphia, PA 19122, USA); Nayebi, Behzad (Department of Materials and Metallurgical Engineering, Amirkabir University of Technology, Tehran, Iran); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic); Cha, Joo Hwan (Innovative Enterprise Cooperation Center, Korea Institute of Science and Technology, Hwarangro 14-Gil, Seongbuk-Gu, Seoul, Republic of Korea); Jang, Ho Won (Department of Materials Science and Engineering, Research Institute of Advanced Materials, Seoul National University, Seoul 08826, Republic of Korea); Kim, Dokyoon (Department of Bionano Engineering, Hanyang University, Ansan 15588, Republic of Korea; Institute of Nanosensor Technology, Hanyang University, Ansan 15588, Republic of Korea); Shokouhimehr, Mohammadreza (Department of Materials Science and Engineering, Research Institute of Advanced Materials, Seoul National University, Seoul 08826, Republic of Korea; Institute of Nanosensor Technology, Hanyang University, Ansan 15588, Republic of Korea)
https://doi.org/10.1039/d3ma00365e	MXene-based wearable supercapacitors and their transformative impact on healthcare	Materials Advances	2023-10-02	Iravani, Siavash (Independent Researcher, W Nazar ST, Boostan Ave, Isfahan, Iran); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic)
https://doi.org/10.1021/bk-2023-1443.ch003	Frontiers in Biomedical Applications through Niobium Carbide MXenes	ACS Symposium Series	2023-09-15	Rabiee, Navid (Centre for Molecular Medicine and Innovative Therapeutics, Murdoch University, Perth, WA 6150, Australia); Ahmadi, Sepideh (Department of Medical Biotechnology, School of Advanced Technologies in Medicine, Shahid Beheshti University of Medical Sciences, Tehran 19857-17443, Iran; Cellular and Molecular Biology Research Center, Shahid Beheshti University of Medical Sciences, Tehran 19857-17443, Iran); Iravani, Siavash (Faculty of Pharmacy and Pharmaceutical Sciences, Isfahan University of Medical Sciences, 81746-73461 Isfahan, Iran); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic)
https://doi.org/10.1016/j.molliq.2023.122204	Antiviral docking analysis, semisynthesis and mechanistic studies on the origin of stereo- and chemoselectivity in epoxidation reaction of Q'-trans-Himachalene	Journal of Molecular Liquids	2023-09	Raji, Houria (Laboratory of Biomolecular Chemistry, Natural Substances and Reactivity, URAC 16, Faculty of Sciences Semlalia, Cadi Ayyad University, P.O. Box 2390, Marrakech, Morocco; Molecular Modelling and Spectroscopy Research Team, Faculty of Science, Chouaib Doukkali University, P.O. Box 20, 24000 El Jadida, Morocco); Attouna, Abdelhak Ouled (Laboratory of Biomolecular Chemistry, Natural Substances and Reactivity, URAC 16, Faculty of Sciences Semlalia, Cadi Ayyad University, P.O. Box 2390, Marrakech, Morocco); Barhoumi, Ali (Molecular Modelling and Spectroscopy Research Team, Faculty of Science, Chouaib Doukkali University, P.O. Box 20, 24000 El Jadida, Morocco); Chekroun, Ahmed (Laboratory of Biomolecular Chemistry, Natural Substances and Reactivity, URAC 16, Faculty of Sciences Semlalia, Cadi Ayyad University, P.O. Box 2390, Marrakech, Morocco); Zeroual, Abdellah (Molecular Modelling and Spectroscopy Research Team, Faculty of Science, Chouaib Doukkali University, P.O. Box 20, 24000 El Jadida, Morocco); Syed, Asad (Department of Botany and Microbiology, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia); Elgorban, Abdallah M. (Department of Botany and Microbiology, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia); Verma, Meenakshi (University Centre for Research Development, Department of Chemistry, Chandigarh University Gharuan, Mohali, India); Benharref, Ahmed (Laboratory of Biomolecular Chemistry, Natural Substances and Reactivity, URAC 16, Faculty of Sciences Semlalia, Cadi Ayyad University, P.O. Box 2390, Marrakech, Morocco); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 146117, Czech Republic)
https://doi.org/10.1016/j.ijbiomac.2023.126328	Corrigendum to "Nano/micro-cellulose-based materials as adsorbents for the remediation of chemical pollutants from agricultural resources" [Int. J. Biol. Macromol. 246 (2023) published online/125763]	International Journal of Biological Macromolecules	2023-08-09	Hassanisaadi, Mohadeseh (Department of Plant Protection, Faculty of Agriculture, Vali-e-Asr University of Rafsanjan, Imam Khomeini Square, Rafsanjan 7718897111, Iran. Electronic address: mhassanisaadi@yahoo.com.); Saberi Riseh, Roohallah (Department of Plant Protection, Faculty of Agriculture, Vali-e-Asr University of Rafsanjan, Imam Khomeini Square, Rafsanjan 7718897111, Iran. Electronic address: rsaberi@vru.ac.ir.); Rabiei, Ali (Department of Civil Engineering Vali-e-Asr University of Rafsanjan, Rafsanjan, Iran.); Varma, Rajender S (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic.); Kennedy, John F (Chembiotech Laboratories Ltd, WR15 8FF Tenbury Wells, United Kingdom.)
https://doi.org/10.1016/j.matt.2023.04.020	MXene-based hybrid structures for ultraviolet photodetectors	Matter	2023-08	Iravani, Siavash (Faculty of Pharmacy and Pharmaceutical Sciences, Isfahan University of Medical Sciences, 81746-73461 Isfahan, Iran); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic)
https://doi.org/10.1016/j.jtice.2023.105004	Highly-impressive performances of novel NiCo2O4/Bi2O3/Ag2ZrO3 nanocomposites in photocatalysis system, removal pathway, toxicity estimation, and antibacterial activities	Journal of the Taiwan Institute of Chemical Engineers	2023-08	Syed, Asad (Department of Botany and Microbiology, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia); Elgorban, Abdallah M. (Department of Botany and Microbiology, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia); Bahkali, Ali H. (Department of Botany and Microbiology, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia); Eswaramoorthy, Rajalakshmanan (Department of Biochemistry, Centre of Molecular Medicine and Diagnostics (COMMAND), Saveetha Dental College and Hospitals, Saveetha Institute of Medical and Technical Sciences (SIMATS), Chennai 600 077, India); Verma, Meenakshi (University Centre for Research Development, Department of Chemistry, Chandigarh University, Gharuan, Mohali, India); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic); Janani, Baadal Jushi (Department of Chemistry, Academy of Materials Science, Navi Mumbai, India)
https://doi.org/10.1016/j.plana.2023.100048	Efficacy of phytochemical-functionalized silver nanoparticles to control Flacherie and Sappe silkworm diseases in Bombyx mori L. larvae	Plant Nano Biology	2023-08	Surendra, D.M. (Department of Chemistry, Vidya Vikas Institute of Engineering and Technology, Mysore, Karnataka, India); Chamaraja, N.A. (Department of Chemistry, JSS Academy of Technical Education, Bengaluru, Karnataka, India); Nallappa, S. (Department of Chemistry, AMC Engineering College, Bannerghatta Road, Bangalore, Karnataka 560083, India); Bhavya, D.K. (Department of Science (Biochemistry), AMC Institutions, Bannerghatta Road, Bangalore, Karnataka 560083, India); Joseph, Sudha (Department of Mechanical Engineering, Cambridge Institute of Technology (CIT), Bangalore, Karnataka 560036, India); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic); Manjunna, J. (Dept. of Chemistry, Rani Channamma University, Belagavi, Karnataka 591156, India); Patel, B.M. Basavaraja (Department of Chemistry, AMC Engineering College, Bannerghatta Road, Bangalore, Karnataka 560083, India)
https://doi.org/10.1039/d3ma00171g	Vault, viral, and virus-like nanoparticles for targeted cancer therapy	Materials Advances	2023-07-17	Iravani, Siavash (Faculty of Pharmacy and Pharmaceutical Sciences, Isfahan University of Medical Sciences, 81746-73461, Isfahan, Iran); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic)
https://doi.org/10.1016/j.ijbiomac.2023.125763	Nano/micro-cellulose-based materials as remarkable sorbents for the remediation of agricultural resources from chemical pollutants	International Journal of Biological Macromolecules	2023-07-08	Hassanisaadi, Mohadeseh (Department of Plant Protection, Faculty of Agriculture, Vali-e-Asr University of Rafsanjan, Imam Khomeini Square, Rafsanjan 7718897111, Iran. Electronic address: mhassanisaadi@yahoo.com.); Saberi Riseh, Roohallah (Department of Plant Protection, Faculty of Agriculture, Vali-e-Asr University of Rafsanjan, Imam Khomeini Square, Rafsanjan 7718897111, Iran. Electronic address: rsaberi@vru.ac.ir.); Rabiei, Ali (Department of Civil Engineering, Vali-e-Asr University of Rafsanjan, Rafsanjan, Iran.); Varma, Rajender S (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic.); Kennedy, John F (Chembiotech Laboratories Ltd, WR15 8FF Tenbury Wells, United Kingdom.)
https://doi.org/10.1016/j.optmat.2023.113927	Corrigendum to "BaTi0.85Zr0.15O3/MIL-101(Fe) nanocomposite in the photodegradation of tetracycline" [Opt. Mater. 138 (2023) 113679]	Optical Materials	2023-07	Sheikhsamany, Raana (Department of Chemistry, Shahreza Branch, Islamic Azad University, P. O. Box 311-86145, Shahreza, Isfahan, Iran); Faghihian, Hossein (Department of Chemistry, Shahreza Branch, Islamic Azad University, P. O. Box 311-86145, Shahreza, Isfahan, Iran); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská, 1402/2, Liberec, 1 461 17, Czech Republic)
https://doi.org/10.1016/j.jwpe.2023.103657	Novel self-propelled CuCr2O4-BiI3O9 nanojets for the efficient photodegradation of organics in wastewater: A non-genotoxic nanomaterial for water treatment	Journal of Water Process Engineering	2023-07	Balasurya, S. (Nanobiotechnology Laboratory, Department of Biotechnology, Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu, India; Institut National de la Recherche Scientifique, Centre Énergie, Matériaux Télécommunications, 1650 Boulevard Lionel-Boulet, Varennes, Québec J3X 1S2, Canada); Elgorban, Abdallah M. (Botany and Microbiology Department, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia); Bahkali, Ali H. (Botany and Microbiology Department, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia); Yassin, M.T. (Botany and Microbiology Department, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia); Balakrishnaraja, R. (Nanobiotechnology Laboratory, Department of Biotechnology, Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu, India); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic); Syed, Asad (Botany and Microbiology Department, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia); Khan, S. Sudheer (Department of Oral Medicine and Radiology, Saveetha Dental College and Hospitals, Saveetha Institute of Medical and Technical Sciences (SIMATS), Chennai 600077, Tamil Nadu, India)
https://doi.org/10.1016/j.mcat.2023.113217	Metal-organic framework-based nanostructured catalysts: Applications in efficient organic transformations	Molecular Catalysis	2023-07	Xia, Changlei (Jiangsu Co-Innovation Center of Efficient Processing and Utilization of Forest Resources, International Innovation Center for Forest Chemicals and Materials, College of Materials Science and Engineering, Nanjing Forestry University, Nanjing, Jiangsu 210037, China); Wu, Jiamin (Jiangsu Co-Innovation Center of Efficient Processing and Utilization of Forest Resources, International Innovation Center for Forest Chemicals and Materials, College of Materials Science and Engineering, Nanjing Forestry University, Nanjing, Jiangsu 210037, China); Delbari, Seyed Ali (Department of Engineering Sciences, Faculty of Advanced Technologies, University of Mohaghegh Ardabili, Ardabil, Iran); Namini, Abbas Sabahi (Department of Engineering Sciences, Faculty of Advanced Technologies, University of Mohaghegh Ardabili, Ardabil, Iran); Yuan, Yan (School of Chemistry and Life Science, Suzhou University of Science and Technology, Suzhou, Jiangsu 215009, China); Van Le, Quyet (Department of Materials Science and Engineering, Institute of Green Manufacturing Technology, Korea University, 145, Anam-ro, Seongbuk-gu, Seoul 02841, South Korea); Kim, Dokyoon (Department of Bionano Engineering, Hanyang University, Ansan 15588, South Korea; Institute of Nanosensor Technology, Hanyang University, Ansan 15588, South Korea); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic); T-Raissi, Ali (University of Central Florida, Florida Solar Energy Center, Cocoa, FL 32922, United States); Jang, Ho Won (Department of Materials Science and Engineering, Research Institute of Advanced Materials, Seoul National University, Seoul 08826, South Korea); Shokouhimehr, Mohammadreza (Institute of Nanosensor Technology, Hanyang University, Ansan 15588, South Korea; Department of Materials Science and Engineering, Research Institute of Advanced Materials, Seoul National University, Seoul 08826, South Korea)
https://doi.org/10.1016/j.jddst.2023.104447	Polysaccharide-based nanogels for biomedical applications: A comprehensive review	Journal of Drug Delivery Science and Technology	2023-06	Damiri, Fouad (Laboratory of Biomolecules and Organic Synthesis (BIOSYNTHO), Department of Chemistry, Faculty of Sciences Ben M'Sick, University Hassan II of Casablanca, Casablanca, 20000, Morocco); Rojekar, Satish (Department of Pharmacological Sciences, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA); Bachra, Yahya (Laboratory of Biomolecules and Organic Synthesis (BIOSYNTHO), Department of Chemistry, Faculty of Sciences Ben M'Sick, University Hassan II of Casablanca, Casablanca, 20000, Morocco); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies and Innovation (CxI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1 461 17, Czech Republic); Andra, Swetha (Department of Chemistry, Rajalakshmi Institute of Technology, Chennai, 600124, Tamil Nadu, India); Balu, Satheeshkumar (Department of Oral Pathology, Saveetha Dental College and Hospitals, Saveetha Institute of Medical and Technical Sciences, Chennai, 600077, Tamil Nadu, India); Pardeshi, Chandrakantsing Vijaysing (Industrial Pharmacy Laboratory, Department of Pharmaceutics, R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur, 425405, India); Patel, Paras J. (Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, 388120, Gujarat, India); Patel, Hitendra M. (Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, 388120, Gujarat, India); Paiva-Santos, Ana Cláudia (Department of Pharmaceutical Technology, Faculty of Pharmacy of the University of Coimbra, University of Coimbra, Coimbra, Portugal; REQUIMTE/LAQV, Group of Pharmaceutical Technology, Faculty of Pharmacy of the University of Coimbra, University of Coimbra, Coimbra, Portugal); Berrada, Mohammed (Laboratory of Biomolecules and Organic Synthesis (BIOSYNTHO), Department of Chemistry, Faculty of Sciences Ben M'Sick, University Hassan II of Casablanca, Casablanca, 20000, Morocco); García, Mónica C. (Universidad Nacional de Córdoba, Facultad de Ciencias Químicas, Departamento de Ciencias Farmacéuticas, Ciudad Universitaria, X5000HUA, Córdoba, Argentina; Consejo Nacional de Investigaciones Científicas y Técnicas, CONICET, Unidad de Investigación y Desarrollo en Tecnología Farmacéutica, UNITEFA, Córdoba, Argentina)
https://doi.org/10.1021/acssuschemeng.2c07743	Regenerable and Ultraflexible Sustainable Film Derived from Tree Gum Kondagogu for High-Performance Electromagnetic Interference Shielding	ACS Sustainable Chemistry & Engineering	2023-05-03	Ramakrishnan, Rohith K. (Institute for Nanomaterials, Advanced Technologies, and Innovation (CXI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1, Liberec 46117, Czech Republic); Palanisamy, Sundaramoorthy (Department of Material Engineering, Faculty of Textile, Technical University of Liberec, Liberec 46117, Czech Republic); Sumitha, Nechikkottil S. (Department of Polymer Science and Rubber Technology, Cochin University of Science and Technology, Kochi 682022, Kerala, India); K Padinjareveetil., Akshay Kumar (Department of Applied Chemistry, Cochin University of Science and Technology, Kochi 682022, Kerala, India); Future Energy and Innovation Laboratory, Central European Institute of Technology, Brno University of Technology, Purkyňova 123, Brno 61200, Czech Republic); S, Sabarinath (Amrita School for Sustainable Development (AST), Amrita Vishwa Vidyapeetham, Amrita University, Amritapuri, Clappana P. O., Kollam 690525, Kerala, India); Wacławek, Stanisław (Institute for Nanomaterials, Advanced Technologies, and Innovation (CXI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1, Liberec 46117, Czech Republic); Uyar, Tamer (Fiber Science Program, Department of Human Centered Design, College of Human Ecology, Cornell University, Ithaca, New York 14853, United States); Černík, Miroslav (Institute for Nanomaterials, Advanced Technologies, and Innovation (CXI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1, Liberec 46117, Czech Republic); Varma, Rajender S. (Institute for Nanomaterials, Advanced Technologies, and Innovation (CXI), Technical University of Liberec (TUL), Studentská 1402/2, Liberec 1, Liberec 46117, Czech Republic); Cheong, Jun Young (Bavarian Center for Battery Technology (BayBatt) and Department of Chemistry, University of Bayreuth, Universitätsstraße 30, 95447 Bayreuth, Germany); Vellora Thekkae Padil, Vinod (Amrita School for Sustainable Development (AST), Amrita Vishwa Vidyapeetham, Amrita University, Amritapuri, Clappana P. O., Kollam 690525, Kerala, India)