

# Mohammadreza Shokouhimehr

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

246  
papers

7,831  
citations

50  
h-index

73  
g-index

255  
ext. papers

10,095  
ext. citations

5.3  
avg, IF

7.09  
L-index

#	Paper	IF	Citations
246	Architecture engineering of nanostructured catalyst via layer-by-layer adornment of multiple nanocatalysts on silica nanorod arrays for hydrogenation of nitroarenes.. <i>Scientific Reports</i> , <b>2022</b> , 12, 2	4.9	1
245	Photocatalytic hydrogen generation using colloidal covalent organic polymers decorated bimetallic Au-Pd nanoalloy (COPs/Pd-Au). <i>Molecular Catalysis</i> , <b>2022</b> , 518, 112058	3.3	6
244	Green metal-organic frameworks (MOFs) for biomedical applications. <i>Microporous and Mesoporous Materials</i> , <b>2022</b> , 111670	5.3	7
243	Functionalization of chitosan by grafting Cu(II)-5-amino-1H-tetrazole complex as a magnetically recyclable catalyst for C-N coupling reaction. <i>Inorganic Chemistry Communication</i> , <b>2022</b> , 136, 109135	3.1	3
242	MOF-derived NiFe <sub>2</sub> O <sub>4</sub> nanoparticles on molybdenum disulfide: Magnetically reusable nanocatalyst for the reduction of nitroaromatics in aqueous media. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2022</b> , 107, 428-435	6.3	2
241	Microstructure of spark plasma sintered TiC//B <sub>2</sub> O <sub>3</sub> /Cw composite. <i>Materials Chemistry and Physics</i> , <b>2022</b> , 281, 125877	4.4	0
240	Carbohydrate-based nanostructured catalysts: applications in organic transformations. <i>Materials Today Chemistry</i> , <b>2022</b> , 24, 100869	6.2	3
239	TGA and elemental analysis of type II kerogen from the Bakken supported by HRTEM. <i>Journal of Natural Gas Science and Engineering</i> , <b>2022</b> , 104606	4.6	1
238	3D Bioprinted Bacteriostatic Hyperelastic Bone Scaffold for Damage-Specific Bone Regeneration. <i>Polymers</i> , <b>2021</b> , 13,	4.5	8
237	Characterization and FEA evaluation of a ZrB <sub>2</sub> /SiC ceramic containing TaC for beam-column joint application. <i>Ceramics International</i> , <b>2021</b> , 47, 11438-11450	5.1	5
236	Structural and optical characterizations of Ce <sup>3+</sup> -doped YSO phosphors via the addition of TEOS. <i>Luminescence</i> , <b>2021</b> , 36, 1117-1123	2.5	0
235	Edge-exposed WS <sub>2</sub> on 1D nanostructures for highly selective NO <sub>2</sub> sensor at room temperature. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 333, 129566	8.5	8
234	g-C <sub>3</sub> N <sub>4</sub> nanosheet adorned with Ag <sub>3</sub> BiO <sub>3</sub> as a perovskite: An effective photocatalyst for efficient visible-light photocatalytic processes. <i>Materials Science in Semiconductor Processing</i> , <b>2021</b> , 125, 105651	4.3	15
233	A survey on spark plasma sinterability of CNT-added TiC ceramics. <i>International Journal of Refractory Metals and Hard Materials</i> , <b>2021</b> , 96, 105471	4.1	8
232	Natural Polymers Decorated MOF-MXene Nanocarriers for Co-delivery of Doxorubicin/pCRISPR.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 5106-5121	4.1	25
231	Synergistic effects of Si <sub>3</sub> N <sub>4</sub> and CNT on densification and properties of TiC ceramics. <i>Ceramics International</i> , <b>2021</b> , 47, 12941-12950	5.1	5
230	BN-Fe <sub>3</sub> O <sub>4</sub> -Pd nanocomposite modified carbon paste electrode: Efficient voltammetric sensor for sulfamethoxazole. <i>Ceramics International</i> , <b>2021</b> , 47, 13903-13911	5.1	9

229	Nanomaterials modified electrodes for electrochemical detection of Sudan I in food. <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 3837-3852	2.8	40
228	Hydrothermal self - sacrificing growth of polymorphous MnO <sub>2</sub> on magnetic porous - carbon (Fe <sub>3</sub> O <sub>4</sub> @Cg/MnO <sub>2</sub> ): A sustainable nanostructured catalyst for activation of molecular oxygen. <i>Molecular Catalysis</i> , <b>2021</b> , 509, 111603	3.3	9
227	Pd nanoparticles loaded on modified chitosan-Unye bentonite microcapsules: A reusable nanocatalyst for Sonogashira coupling reaction. <i>Carbohydrate Polymers</i> , <b>2021</b> , 262, 117920	10.3	9
226	Multifunctional 3D Hierarchical Bioactive Green Carbon-Based Nanocomposites. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 8706-8720	8.3	20
225	Characterization of TiC ceramics with SiC and/or WC additives using electron microscopy and electron probe micro-analysis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2021</b> ,	5.3	1
224	Turning Toxic Nanomaterials into a Safe and Bioactive Nanocarrier for Co-delivery of DOX/pCRISPR.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 5336-5351	4.1	21
223	Green chemistry and coronavirus. <i>Sustainable Chemistry and Pharmacy</i> , <b>2021</b> , 21, 100415	3.9	15
222	High performance of screen-printed graphite electrode modified with NiMo-MOF for voltammetric determination of amaranth. <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 4617-4622	2.8	32
221	Nano-construction of CuO nanorods decorated with g-C <sub>3</sub> N <sub>4</sub> nanosheets (CuO/g-C <sub>3</sub> N <sub>4</sub> -NS) as a superb colloidal nanocatalyst for liquid phase C H conversion of aldehydes to amides. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 334, 116063	6	6
220	MEL zeolite nanosheet membranes for water purification: insights from molecular dynamics simulations. <i>Journal of Nanostructure in Chemistry</i> , <b>2021</b> , 1	7.6	0
219	Microstructural evolution of TiB <sub>2</sub> /SiC composites empowered with Si <sub>3</sub> N <sub>4</sub> , BN or TiN: A comparative study. <i>Ceramics International</i> , <b>2021</b> , 47, 1002-1011	5.1	6
218	Z-scheme g-C <sub>3</sub> N <sub>4</sub> nanosheet/MgBi <sub>2</sub> O <sub>6</sub> systems with the visible light response for impressive photocatalytic organic contaminants degradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2021</b> , 406, 113023	4.7	13
217	In situ preparation of g-CN nanosheet/FeOCl: Achievement and promoted photocatalytic nitrogen fixation activity. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 587, 538-549	9.3	25
216	A novel ZrB <sub>2</sub> -based composite manufactured with Ti <sub>3</sub> AlC <sub>2</sub> additive. <i>Ceramics International</i> , <b>2021</b> , 47, 817-827	5.1	5
215	Post hot rolling of spark plasma sintered TiMoB <sub>4</sub> C composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2021</b> , 799, 140214	5.3	6
214	ZrB <sub>2</sub> /SiC composites with different carbonaceous additives. <i>International Journal of Refractory Metals and Hard Materials</i> , <b>2021</b> , 95, 105457	4.1	1
213	Effects of discrete and simultaneous addition of SiC and Si <sub>3</sub> N <sub>4</sub> on microstructural development of TiB <sub>2</sub> ceramics. <i>Ceramics International</i> , <b>2021</b> , 47, 3520-3528	5.1	3
212	Microstructure-property correlation in nano-diamond and TiN added TiC-based ceramics. <i>Ceramics International</i> , <b>2021</b> , 47, 449-460	5.1	4

211	Characterization of spark plasma sintered TiC/Bi <sub>3</sub> N <sub>4</sub> ceramics. <i>International Journal of Refractory Metals and Hard Materials</i> , <b>2021</b> , 95, 105444	4.1	10
210	Deformation, Cracking and Fracture Behavior of Dynamically-Formed Oxide Layers on Molten Metals. <i>Metals and Materials International</i> , <b>2021</b> , 27, 1701-1712	2.4	4
209	Adsorption mechanism of a cationic dye on a biomass-derived micro- and mesoporous carbon: structural, kinetic, and equilibrium insight. <i>Biomass Conversion and Biorefinery</i> , <b>2021</b> , 11, 943-954	2.3	15
208	Synthesis of MoS <sub>x</sub> /Ni-metal-organic framework-74 composites as efficient electrocatalysts for hydrogen evolution reactions. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 9638-9647	4.5	10
207	Metal-free nanostructured catalysts: sustainable driving forces for organic transformations. <i>Green Chemistry</i> , <b>2021</b> , 23, 6223-6272	10	19
206	High-impressive separation of photoinduced charge carriers on step-scheme ZnO/ZnSnO <sub>3</sub> /Carbon dots heterojunction with efficient activity in photocatalytic NH <sub>3</sub> production. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2021</b> , 118, 140-151	5.3	14
205	Performance of metal-organic frameworks in the electrochemical sensing of environmental pollutants. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 8195-8220	13	48
204	Recent Developments in Polymer Nanocomposite-Based Electrochemical Sensors for Detecting Environmental Pollutants.. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 1112-1136	3.9	55
203	Synthesis and characterization of bipyridine cobalt(ii) complex modified graphite screen printed electrode: an electrochemical sensor for simultaneous detection of acetaminophen and naproxen.. <i>RSC Advances</i> , <b>2021</b> , 11, 3049-3057	3.7	7
202	Recent developments in voltammetric and amperometric sensors for cysteine detection.. <i>RSC Advances</i> , <b>2021</b> , 11, 5411-5425	3.7	12
201	g-C <sub>3</sub> N <sub>4</sub> -nanosheet/ZnCr <sub>2</sub> O <sub>4</sub> S-scheme heterojunction photocatalyst with enhanced visible-light photocatalytic activity for degradation of phenol and tetracycline. <i>Separation and Purification Technology</i> , <b>2021</b> , 118511	8.3	10
200	A TEM study on the microstructure of spark plasma sintered ZrB <sub>2</sub> -based composite with nano-sized SiC dopant. <i>Progress in Natural Science: Materials International</i> , <b>2021</b> , 31, 47-54	3.6	1
199	Recent development of high-performance photocatalysts for N <sub>2</sub> fixation: A review. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 104997	6.8	11
198	Anti-icing performance on aluminum surfaces and proposed model for freezing time calculation. <i>Scientific Reports</i> , <b>2021</b> , 11, 3641	4.9	9
197	Polymer-Coated NH <sub>2</sub> -UiO-66 for the Codelivery of DOX/pCRISPR. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 10796-10811	9.5	31
196	Characterization of reactive spark plasma sintered (Zr,Ti)B <sub>2</sub> ZrC/BiC composites. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2021</b> , 119, 187-195	5.3	6
195	Electrochemical Detection of Hydrazine by Carbon Paste Electrode Modified with Ferrocene Derivatives, Ionic Liquid, and CoS-Carbon Nanotube Nanocomposite. <i>ACS Omega</i> , <b>2021</b> , 6, 4641-4648	3.9	15
194	Sustainable design and novel synthesis of highly recyclable magnetic carbon containing aromatic sulfonic acid: Fe <sub>3</sub> O <sub>4</sub> @C/Ph <sub>3</sub> BO <sub>3</sub> H as green solid acid promoted regioselective synthesis of tetrazoloquinazolines. <i>Applied Organometallic Chemistry</i> , <b>2021</b> , 35, e6346	3.1	2

193	Non-graphitizable resin coating on polyacrylonitrile-based polyHIPE to prepare high surface area graphitic carbon foam and the investigation of its electrochemical performance as an anode of lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 873, 159771	5.7	1
192	Hollow ZnO microspheres self-assembled from rod-like nanostructures: morphology-dependent linear and Kerr-type nonlinear optical properties. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 23385-23398	2.1	1
191	Adsorption onto zeolites: molecular perspective. <i>Chemical Papers</i> , <b>2021</b> , 75, 6217	1.9	1
190	Synergistic advanced oxidation process for the fast degradation of ciprofloxacin antibiotics using a GO/CuMOF-magnetic ternary nanocomposite. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 105486	6.8	20
189	Prussian blue-based nanostructured materials: Catalytic applications for environmental remediation and energy conversion. <i>Molecular Catalysis</i> , <b>2021</b> , 514, 111835	3.3	8
188	Copper(II) complex anchored on magnetic chitosan functionalized trichlorotriazine: An efficient heterogeneous catalyst for the synthesis of tetrazole derivatives. <i>Colloids and Interface Science Communications</i> , <b>2021</b> , 44, 100471	5.4	6
187	A screen printed electrode modified with FeO@polypyrrole-Pt core-shell nanoparticles for electrochemical detection of 6-mercaptopurine and 6-thioguanine. <i>Talanta</i> , <b>2021</b> , 232, 122379	6.2	35
186	Preparation of magnetic chitosan-supported palladium-5-amino-1H-tetrazole complex as a magnetically recyclable catalyst for Suzuki-Miyaura coupling reaction in green media. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1244, 130873	3.4	7
185	The emerging covalent organic frameworks (COFs) for solar-driven fuels production. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 446, 214117	23.2	23
184	Chitosan supported 1-phenyl-1H-tetrazole-5-thiol ionic liquid copper(II) complex as an efficient catalyst for the synthesis of arylaminotetrazoles. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 341, 117398	6	4
183	Comparison of fractal dimensions from nitrogen adsorption data in shale different models.. <i>RSC Advances</i> , <b>2021</b> , 11, 2298-2306	3.7	11
182	Novel p-n Heterojunction Nanocomposite: TiO <sub>2</sub> QDs/ZnBi <sub>2</sub> O <sub>4</sub> Photocatalyst with Considerably Enhanced Photocatalytic Activity under Visible-Light Irradiation. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 27519-27528	3.8	24
181	A novel spark plasma sintered TiC/ZrN composite with enhanced flexural strength. <i>Ceramics International</i> , <b>2020</b> , 46, 29022-29032	5.1	11
180	Controlled growth and ion intercalation mechanism of monocryalline niobium pentoxide nanotubes for advanced rechargeable aluminum-ion batteries. <i>Nanoscale</i> , <b>2020</b> , 12, 12531-12540	7.7	9
179	Pd modified prussian blue frameworks: Multiple electron transfer pathways for improving catalytic activity toward hydrogenation of nitroaromatics. <i>Molecular Catalysis</i> , <b>2020</b> , 492, 110967	3.3	20
178	Electrochemical activity of Samarium on starch-derived porous carbon: rechargeable Li- and Al-ion batteries. <i>Nano Convergence</i> , <b>2020</b> , 7, 11	9.2	11
177	Electron microscopy investigation of spark plasma sintered ZrO <sub>2</sub> added ZrB <sub>2</sub> SiC composite. <i>Ceramics International</i> , <b>2020</b> , 46, 19646-19649	5.1	47
176	Recent Advances in Rechargeable Aluminum-Ion Batteries and Considerations for Their Future Progress. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 6019-6035	6.1	27

175	Enhanced densification of spark plasma sintered TiB <sub>2</sub> ceramics with low content AlN additive. <i>Ceramics International</i> , <b>2020</b> , 46, 22127-22133	5.1	25
174	Manufacturing ZrB-SiC-TaC Composite: Potential Application for Aircraft Wing Assessed by Frequency Analysis through Finite Element Model. <i>Materials</i> , <b>2020</b> , 13,	3.5	10
173	Bacterial vs. thermal degradation of algal matter: Analysis from a physicochemical perspective. <i>International Journal of Coal Geology</i> , <b>2020</b> , 223, 103465	5.5	7
172	Densification behavior and microstructure development in TiB <sub>2</sub> ceramics doped with h-BN. <i>Ceramics International</i> , <b>2020</b> , 46, 18970-18975	5.1	40
171	Covalent Organic Frameworks: Emerging Organic Solid Materials for Energy and Electrochemical Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 27821-27852	9.5	44
170	Effects of SiC content on thermal shock behavior and elastic modulus of cordierite-hullite composites. <i>Ceramics International</i> , <b>2020</b> , 46, 23780-23784	5.1	24
169	Photocatalytic NO <sub>x</sub> abatement: Recent advances and emerging trends in the development of photocatalysts. <i>Journal of Cleaner Production</i> , <b>2020</b> , 270, 121912	10.3	36
168	Developments and applications of nanomaterial-based carbon paste electrodes.. <i>RSC Advances</i> , <b>2020</b> , 10, 21561-21581	3.7	32
167	Recent Advances in the Aptamer-Based Electrochemical Biosensors for Detecting Aflatoxin B1 and Its Pertinent Metabolite Aflatoxin M1. <i>Sensors</i> , <b>2020</b> , 20,	3.8	16
166	Controllable growth and flexible optoelectronic devices of regularly-assembled Bi <sub>2</sub> S <sub>3</sub> semiconductor nanowire bifurcated junctions and crosslinked networks. <i>Nano Research</i> , <b>2020</b> , 13, 2226-2232	10.2	5
165	Recent Advances in Electrochemical Sensors and Biosensors for Detecting Bisphenol A. <i>Sensors</i> , <b>2020</b> , 20,	3.8	28
164	Physical, mechanical and microstructural characterization of TiC-ZrN ceramics. <i>Ceramics International</i> , <b>2020</b> , 46, 22154-22163	5.1	27
163	Adsorption based realistic molecular model of amorphous kerogen.. <i>RSC Advances</i> , <b>2020</b> , 10, 23312-23320	3.7	6
162	Boosting Aerobic Oxidation of Alcohols via Synergistic Effect between TEMPO and a Composite FeO/Cu-BDC/GO Nanocatalyst. <i>ACS Omega</i> , <b>2020</b> , 5, 5182-5191	3.9	33
161	Preliminary Investigation of the Effects of Thermal Maturity on Redox-Sensitive Trace Metal Concentration in the Bakken Source Rock, North Dakota, USA. <i>ACS Omega</i> , <b>2020</b> , 5, 7135-7148	3.9	7
160	Novel Architecture Titanium Carbide (TiCT) MXene Cocatalysts toward Photocatalytic Hydrogen Production: A Mini-Review. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	63
159	Grid-Connected Photovoltaic Systems with Single-Axis Sun Tracker: Case Study for Central Vietnam. <i>Energies</i> , <b>2020</b> , 13, 1457	3.1	6
158	Iron molybdenum oxide-modified screen-printed electrode: Application for electrocatalytic oxidation of cabergoline. <i>Microchemical Journal</i> , <b>2020</b> , 157, 104890	4.8	6

157	Towards artificial photosynthesis: Sustainable hydrogen utilization for photocatalytic reduction of CO <sub>2</sub> to high-value renewable fuels. <i>Chemical Engineering Journal</i> , <b>2020</b> , 402, 126184	14.7	55
156	Enhanced visible photocatalytic degradation of diclofenac over N-doped TiO <sub>2</sub> assisted with H <sub>2</sub> O <sub>2</sub> : A kinetic and pathway study. <i>Arabian Journal of Chemistry</i> , <b>2020</b> , 13, 8361-8371	5.9	18
155	Beneficial role of carbon black on the properties of TiC ceramics. <i>Ceramics International</i> , <b>2020</b> , 46, 23544-23553	5.2	30
154	Enhanced fracture toughness of ZrB <sub>2</sub> /SiCw ceramics with graphene nano-platelets. <i>Ceramics International</i> , <b>2020</b> , 46, 24906-24915	5.1	32
153	Bentonite-supported furfural-based Schiff base palladium nanoparticles: an efficient catalyst in treatment of water/wastewater pollutants. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 12856-12871	2.1	5
152	Palladium Nanoparticles on Assorted Nanostructured Supports: Applications for Suzuki, Heck, and Sonogashira Cross-Coupling Reactions. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 2070-2103	5.6	109
151	MXenes: Applications in electrocatalytic, photocatalytic hydrogen evolution reaction and CO <sub>2</sub> reduction. <i>Molecular Catalysis</i> , <b>2020</b> , 486, 110850	3.3	57
150	Structural Evolution of Organic Matter in Deep Shales by Spectroscopy (1H and 13C Nuclear Magnetic Resonance, X-ray Photoelectron Spectroscopy, and Fourier Transform Infrared) Analysis. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 2807-2815	4.1	14
149	Pd nanocatalyst stabilized on amine-modified zeolite: Antibacterial and catalytic activities for environmental pollution remediation in aqueous medium. <i>Separation and Purification Technology</i> , <b>2020</b> , 239, 116542	8.3	51
148	Recent Advances in Applications of Voltammetric Sensors Modified with Ferrocene and Its Derivatives. <i>ACS Omega</i> , <b>2020</b> , 5, 2049-2059	3.9	70
147	Effects of graphite nano-flakes on thermal and microstructural properties of TiB <sub>2</sub> /SiC composites. <i>Ceramics International</i> , <b>2020</b> , 46, 11622-11630	5.1	58
146	Formation and stabilization of colloidal ultra-small palladium nanoparticles on diamine-modified Cr-MIL-101: Synergic boost to hydrogen production from formic acid. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 567, 126-135	9.3	88
145	Mainstream avenues for boosting graphitic carbon nitride efficiency: towards enhanced solar light-driven photocatalytic hydrogen production and environmental remediation. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 10571-10603	13	38
144	Microstructural and mechanical characterization of spark plasma sintered TiC ceramics with TiN additive. <i>Ceramics International</i> , <b>2020</b> , 46, 18924-18932	5.1	35
143	Characterization of spark plasma sintered TiC ceramics reinforced with graphene nano-platelets. <i>Ceramics International</i> , <b>2020</b> , 46, 18742-18749	5.1	39
142	Role of nano-diamond addition on the characteristics of spark plasma sintered TiC ceramics. <i>Diamond and Related Materials</i> , <b>2020</b> , 106, 107828	3.5	43
141	Advances in Designing Au Nanoparticles for Catalytic Epoxidation of Propylene with H <sub>2</sub> and O <sub>2</sub> . <i>Catalysts</i> , <b>2020</b> , 10, 442	4	6
140	Influence of SiAlON addition on the microstructure development of hot-pressed ZrB <sub>2</sub> /SiC composites. <i>Ceramics International</i> , <b>2020</b> , 46, 19209-19216	5.1	44

139	Direct electrochemical detection of clozapine by RuO nanoparticles-modified screen-printed electrode.. <i>RSC Advances</i> , <b>2020</b> , 10, 13021-13028	3.7	11
138	Fabrication of magnetic iron oxide-supported copper oxide nanoparticles (FeO/CuO): modified screen-printed electrode for electrochemical studies and detection of desipramine.. <i>RSC Advances</i> , <b>2020</b> , 10, 15171-15178	3.7	14
137	Characteristics of quadruplet TiMoTiB <sub>2</sub> TiC composites prepared by spark plasma sintering. <i>Ceramics International</i> , <b>2020</b> , 46, 20885-20895	5.1	31
136	Molecular weight variations of kerogen during maturation with MALDI-TOF-MS. <i>Fuel</i> , <b>2020</b> , 269, 117452	7.1	13
135	Curbed of molybdenum oxido-diperoxido complex on ionic liquid body of mesoporous Bipy-PMO-IL as a promising catalyst for selective sulfide oxidation. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 312, 113388	6	15
134	Rendering Redox Reactions of Cathodes in Li-Ion Capacitors Enabled by Lanthanides. <i>ACS Omega</i> , <b>2020</b> , 5, 1634-1639	3.9	6
133	High gravity-assisted green synthesis of ZnO nanoparticles via <i>Allium ursinum</i> : Conjoining nanochemistry to neuroscience. <i>Nano Express</i> , <b>2020</b> , 1, 020025	2	14
132	Boron nitride-palladium nanostructured catalyst: efficient reduction of nitrobenzene derivatives in water. <i>Nano Express</i> , <b>2020</b> , 1, 030012	2	17
131	Numerical simulation of heat transfer during spark plasma sintering of zirconium diboride. <i>Ceramics International</i> , <b>2020</b> , 46, 4998-5007	5.1	24
130	Chemical heterogeneity of organic matter at nanoscale by AFM-based IR spectroscopy. <i>Fuel</i> , <b>2020</b> , 261, 116454	7.1	14
129	Phase transformation in spark plasma sintered ZrB <sub>2</sub> TiC composites at different temperatures. <i>Ceramics International</i> , <b>2020</b> , 46, 9415-9420	5.1	9
128	Magnetic chitosan-copper nanocomposite: A plant assembled catalyst for the synthesis of amino- and N-sulfonyl tetrazoles in eco-friendly media. <i>Carbohydrate Polymers</i> , <b>2020</b> , 232, 115819	10.3	102
127	Numerical modeling of heat transfer during spark plasma sintering of titanium carbide. <i>Ceramics International</i> , <b>2020</b> , 46, 7615-7624	5.1	48
126	Cell cycle inhibition, apoptosis, and molecular docking studies of the novel anticancer bioactive 1,2,4-triazole derivatives. <i>Structural Chemistry</i> , <b>2020</b> , 31, 691-699	1.8	7
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