Nitee Kumari

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7166222/publications.pdf

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32	555	623734	642732
papers	citations	14 h-index	23 g-index

37	37	37	723
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ghost-Template-Faceted Synthesis of Tunable Amorphous Hollow Silica Nanostructures and Their Ordered Mesoscale Assembly. Nano Letters, 2022, 22, 1159-1166.	9.1	0
2	Magneticâ€“Plasmonic Multimodular Hollow Nanoreactors for Compartmentalized Orthogonal Tandem Catalysis. Nano Letters, 2022, 22, 6428-6434.	9.1	3
3	Solid-State Reaction Synthesis of Nanoscale Materials: Strategies and Applications. Chemical Reviews, 2022, 122, 12748-12863.	47.7	35
4	Surface-Textured Mixed-Metal-Oxide Nanocrystals as Efficient Catalysts for ROS Production and Biofilm Eradication. Nano Letters, 2021, 21, 279-287.	9.1	34
5	Au/Ptâ€Eggâ€inâ€Nest Nanomotor for Glucoseâ€Powered Catalytic Motion and Enhanced Molecular Transport to Living Cells. Angewandte Chemie - International Edition, 2021, 60, 17579-17586.	13.8	36
6	Silica Jarâ€withâ€Lid as Chemoâ€Enzymatic Nanoâ€Compartment for Enantioselective Synthesis inside Living Cells. Angewandte Chemie - International Edition, 2021, 60, 16337-16342.	13.8	6
7	Au/Ptâ€Eggâ€inâ€Nest Nanomotor for Glucoseâ€Powered Catalytic Motion and Enhanced Molecular Transport to Living Cells. Angewandte Chemie, 2021, 133, 17720-17727.	2.0	4
8	Silica Jarâ€withâ€Lid as Chemoâ€Enzymatic Nanoâ€Compartment for Enantioselective Synthesis inside Living Cells. Angewandte Chemie, 2021, 133, 16473-16478.	2.0	0
9	Titelbild: Silica Jarâ€withâ€Lid as Chemoâ€Enzymatic Nanoâ€Compartment for Enantioselective Synthesis inside Living Cells (Angew. Chem. 30/2021). Angewandte Chemie, 2021, 133, 16377-16377.	2.0	0
10	Atomically Conformal Metal Laminations on Plasmonic Nanocrystals for Efficient Catalysis. Journal of the American Chemical Society, 2021, 143, 10582-10589.	13.7	12
11	Carbon-nitride-based micromotor driven by chromate-hydrogen peroxide redox system: Application for removal of sulfamethaxazole. Journal of Colloid and Interface Science, 2021, 597, 94-103.	9.4	13
12	Differential characterization of hepatic tumors in MR imaging by burst-released Mn2+-ions from hollow manganese-silicate nanoparticles in the liver. Biomaterials, 2020, 230, 119600.	11.4	12
13	Highly Mesoporous Metalâ€Organic Frameworks as Synergistic Multimodal Catalytic Platforms for Divergent Cascade Reactions. Angewandte Chemie, 2020, 132, 3444-3450.	2.0	25
14	Titelbild: Nanocatalosomes as Plasmonic Bilayer Shells with Interlayer Catalytic Nanospaces for Solarâ€Lightâ€Induced Reactions (Angew. Chem. 24/2020). Angewandte Chemie, 2020, 132, 9281-9281.	2.0	0
15	Magnetothermia-Induced Catalytic Hollow Nanoreactor for Bioorthogonal Organic Synthesis in Living Cells. Nano Letters, 2020, 20, 6981-6988.	9.1	26
16	Frontispiz: Highly Mesoporous Metalâ€Organic Frameworks as Synergistic Multimodal Catalytic Platforms for Divergent Cascade Reactions. Angewandte Chemie, 2020, 132, .	2.0	0
17	Frontispiece: Highly Mesoporous Metalâ€Organic Frameworks as Synergistic Multimodal Catalytic Platforms for Divergent Cascade Reactions. Angewandte Chemie - International Edition, 2020, 59, .	13.8	0
18	Nanocatalosomes as Plasmonic Bilayer Shells with Interlayer Catalytic Nanospaces for Solarâ€Lightâ€Induced Reactions. Angewandte Chemie, 2020, 132, 9547-9556.	2.0	1

#	Article	IF	Citations
19	Nanocatalosomes as Plasmonic Bilayer Shells with Interlayer Catalytic Nanospaces for Solarâ€Lightâ€Induced Reactions. Angewandte Chemie - International Edition, 2020, 59, 9460-9469.	13.8	14
20	Compartmentalization: Nanosilicaâ€Confined Synthesis of Orthogonally Active Catalytic Metal Nanocrystals in the Compartmentalized Carbon Framework (Small 25/2019). Small, 2019, 15, 1970135.	10.0	0
21	Plasmonically Coupled Nanoreactors for NIR-Light-Mediated Remote Stimulation of Catalysis in Living Cells. ACS Catalysis, 2019, 9, 977-990.	11.2	23
22	Monofacet-Selective Cavitation within Solid-State Silica-Nanoconfinement toward Janus Iron Oxide Nanocube. Journal of the American Chemical Society, 2018, 140, 15176-15180.	13.7	10
23	Spatially Confined Formation and Transformation of Nanocrystals within Nanometer-Sized Reaction Media. Accounts of Chemical Research, 2018, 51, 2867-2879.	15.6	31
24	Anchoring Ligand-Effect on Bright Contrast-Enhancing Property of Hollow Mn₃O₄ Nanoparticle in T₁-Weighted Magnetic Resonance Imaging. Chemistry of Materials, 2018, 30, 4056-4064.	6.7	15
25	Ionic liquid-induced synthesis of a graphene intercalated ferrocene nanocatalyst and its environmental application. Applied Catalysis B: Environmental, 2016, 182, 326-335.	20.2	9
26	A Concise Synthesis of (2R,3R)â€•and (2R,3S)â€3â€Hydroxypipecolic Acids, and Total Synthesis of (â€“)â€Deoxoprosopinine and (+)â€2â€epiâ€Deoxoprosopinine from <scp>D</scp>â€Glycals. European Journal of Organic Chemistry, 2014, 2014, 5557-5563.	2.4	6
27	Grapheneâ€“Ionic Liquid Based Hybrid Nanomaterials as Novel Lubricant for Low Friction and Wear. ACS Applied Materials & Interfaces, 2013, 5, 4063-4075.	8.0	110
28	Synthesis of 5â€Bromomethylfurfural from Cellulose as a Potential Intermediate for Biofuel. European Journal of Organic Chemistry, 2011, 2011, 1266-1270.	2.4	43
29	Efficient and Stereodivergent Syntheses of <scp>D</scp>â€•and <scp>L</scp>â€Fagomines and Their Analogues. European Journal of Organic Chemistry, 2009, 2009, 160-169.	2.4	14
30	Regio- and Stereocontrolled Selective Debenzylation and Substitution Reactions of C-2 Formyl Glycals. Application in the Synthesis of Constrained Î²-Sugar Amino Acids. Journal of Organic Chemistry, 2009, 74, 5349-5355.	3.2	20
31	Synthesis and glycosidase-inhibitory activity of novel polyhydroxylated quinolizidines derived from d-glycals. Organic and Biomolecular Chemistry, 2009, 7, 2104.	2.8	35
32	HClO4Â·SiO2 catalysed synthesis of alkyl 3-deoxy-hex-2-enopyranosides from 2-hydroxy glucal ester: application in the synthesis of a cis-fused bicyclic ether and a 4-amino-C-glucoside. Organic and Biomolecular Chemistry, 2008, 6, 3948.	2.8	18