

Hui Chen

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

320
citations

1040056

9
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Cracking strut-and-tie model for shear strength evaluation of reinforced concrete deep beams. <i>Engineering Structures</i> , 2018, 163, 396-408.	5.3	57
2	Preparation of Hydrophilic Conjugated Microporous Polymers for Efficient Visible Light-Driven Nicotinamide Adenine Dinucleotide Regeneration and Photobiocatalytic Formaldehyde Reduction. <i>ACS Catalysis</i> , 2020, 10, 12976-12986.	11.2	50
3	Shear size effect in simply supported RC deep beams. <i>Engineering Structures</i> , 2019, 182, 268-278.	5.3	38
4	Unique MIL-53(Fe)/PDI Supermolecule Composites: Z-Scheme Heterojunction and Covalent Bonds for Upgrading Photocatalytic Performance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16364-16373.	8.0	37
5	Guiding lithium deposition in tent-like nitrogen-doped porous carbon microcavities for stable lithium metal anodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13480-13489.	10.3	25
6	Modeling of shear mechanisms and strength of concrete deep beams reinforced with FRP bars. <i>Composite Structures</i> , 2020, 234, 111715.	5.8	24
7	Promoted Electron Transfer and Surface Absorption by Single Nickel Atoms for Photocatalytic Cross-Coupling of Aromatic Alcohols and Aliphatic Amines under Visible Light. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18383-18392.	8.0	23
8	Shear Strength of Reinforced Concrete Simple and Continuous Deep Beams. <i>ACI Structural Journal</i> , 2019, 116, .	0.2	20
9	Preparation and characterization of graphite/resin composite bipolar plates for polymer electrolyte membrane fuel cells. <i>Science and Engineering of Composite Materials</i> , 2016, 23, 21-28.	1.4	13
10	Effect of member depth and concrete strength on shear strength of RC deep beams without transverse reinforcement. <i>Engineering Structures</i> , 2021, 241, 112427.	5.3	9
11	Shear-Transfer Mechanisms and Strength Modeling of RC Continuous Deep Beams. <i>Journal of Structural Engineering</i> , 2020, 146, .	3.4	7
12	Shear strength evaluation of RC D-Regions based on Single-Panel Strut-and-Tie model. <i>Engineering Structures</i> , 2022, 265, 114500.	5.3	4
13	Highly Dispersed and Small-Size Pd@Cu Nanoparticles Supported on N-Doped Graphene for Oxygen Reduction Reaction Catalysts. <i>Energy & Fuels</i> , 2022, 36, 7699-7709.	5.1	4
14	Shear strength and deformation modeling of conventionally reinforced short coupling beams. <i>Engineering Structures</i> , 2021, 239, 112282.	5.3	3
15	Analytical truss model with an extended strut for conventionally reinforced concrete coupling beams with span-to-height ratios larger than 1.75. <i>Engineering Structures</i> , 2022, 264, 114417.	5.3	3
16	Preparation and Electrochemical Properties of Multicomponent Conductive-Nanocarbon Additives for LFP Battery. <i>Nano</i> , 2020, 15, 2050093.	1.0	2
17	Numerical and analytical investigation on the moment and deformation capacity of interior slab-column connections without shear reinforcement. <i>Advances in Structural Engineering</i> , 0, , 136943322110369.	2.4	1
18	Shear Capacity Stochasticity of Simply Supported and Symmetrically Loaded Reinforced Concrete Beams. <i>Buildings</i> , 2022, 12, 739.	3.1	0

#	ARTICLE	IF	CITATIONS
19	Diagonal Tension Cracking Strength and Risk of RC Deep Beams. Buildings, 2022, 12, 755.	3.1	0