

Hua Yang

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

2,102
citations

270111

25
h-index

286692

43
g-index

77
all docs

77
docs citations

77
times ranked

1794
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Performance of reinforced concrete-filled steel tubular (RCFST) members subjected to transverse impact loading. <i>Journal of Constructional Steel Research</i> , 2022, 188, 107018. | 1.7 | 17 |
| 2 | Effects of 5 antibrowning agents on the color parameters of Dangshan pear (<i>Pyrus spp.</i>) wine during storage. <i>Journal of Food Processing and Preservation</i> , 2022, 46, . | 0.9 | 2 |
| 3 | Experimental behavior of concrete-filled thin-walled corrugated steel tubes with large helical angles under monotonic and cyclic axial compression. <i>Thin-Walled Structures</i> , 2022, 173, 109043. | 2.7 | 12 |
| 4 | A continuous dynamic constitutive model for normal- and high-strength structural steels. <i>Journal of Constructional Steel Research</i> , 2022, 192, 107254. | 1.7 | 23 |
| 5 | Structural fire design of square tubed-reinforced-concrete columns with connection to RC beams in composite frames. <i>Journal of Building Engineering</i> , 2022, 57, 104900. | 1.6 | 0 |
| 6 | The production and application of enzymes related to the quality of fruit wine. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 1605-1615. | 5.4 | 15 |
| 7 | Mach-Zehnder Interferometer for High Temperature (1000 Å°C) Sensing Based on a Few-Mode Fiber. <i>Photonic Sensors</i> , 2021, 11, 341-349. | 2.5 | 12 |
| 8 | Behaviours of concentrically and eccentrically loaded square steel tube confined reinforced concrete slender columns after fire exposure. <i>Thin-Walled Structures</i> , 2021, 158, 107155. | 2.7 | 15 |
| 9 | Structural fire safety design of square and rectangular tubed-reinforced-concrete columns. <i>Structures</i> , 2021, 29, 1286-1321. | 1.7 | 12 |
| 10 | Can optical fiber compete with profile analysis tensiometry in critical micelle concentration measurement?. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021, . | 1.4 | 0 |
| 11 | Axial compressive behaviour of RC columns strengthened with rectangular steel tube and cementitious grout jackets. <i>Structures</i> , 2021, 31, 484-499. | 1.7 | 9 |
| 12 | Structural behaviour and design of end-restrained square tubed-reinforced-concrete columns exposed to fire. <i>Journal of Constructional Steel Research</i> , 2021, 182, 106675. | 1.7 | 7 |
| 13 | ECO-UHPC with High-Volume Class-F Fly Ash: New Insight into Mechanical and Durability Properties. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, . | 1.3 | 26 |
| 14 | Key Compounds and Metabolic Pathway Responsible for the Browning in Dangshan Pear (<i>Pyrus</i>) Tj ETQq0 0,0 rgBT /Oxerlock 10 | 2.4 | 10 |
| 15 | Fire performance of eccentrically-loaded square and rectangular tubed-reinforced-concrete columns. <i>Structures</i> , 2021, 33, 1053-1076. | 1.7 | 8 |
| 16 | Experimental investigation on concrete-filled corrugated steel tubular column under constant axial load and cyclic load. <i>Engineering Structures</i> , 2021, 248, 113245. | 2.6 | 18 |
| 17 | Characterization of PHB in the gonadal development of the swimming crab <i>Portunus trituberculatus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 240, 110338. | 0.7 | 3 |
| 18 | Analysis of factors related to browning of Dangshan pear (<i>Pyrus spp.</i>) wine. <i>Food Chemistry</i> , 2020, 308, 125665. | 4.2 | 23 |

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|----|---|-----|-----------|
| 19 | ISO 834 standard fire test and mechanism analysis of square tubed-reinforced-concrete columns. <i>Journal of Constructional Steel Research</i> , 2020, 175, 106316. | 1.7 | 24 |
| 20 | Dynamic Mechanical Behavior and Constitutive Models of S890 High-Strength Steel at Intermediate and High Strain Rates. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 6727-6739. | 1.2 | 18 |
| 21 | Axial behaviour of concrete-filled corrugated steel tubular column embedded with structural steel. <i>Journal of Constructional Steel Research</i> , 2020, 170, 106064. | 1.7 | 34 |
| 22 | Uncovering mechanisms of greengage wine fermentation against acidic stress via genomic, transcriptomic, and metabolic analyses of <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 7619-7629. | 1.7 | 8 |
| 23 | Behavior of concrete-filled steel tubes subjected to axial impact loading. <i>Journal of Constructional Steel Research</i> , 2020, 173, 106245. | 1.7 | 15 |
| 24 | Dynamic tensile behavior of S690 high-strength structural steel at intermediate strain rates. <i>Journal of Constructional Steel Research</i> , 2020, 168, 105961. | 1.7 | 20 |
| 25 | Residual compressive response of concrete produced with both coarse and fine recycled concrete aggregates after thermal exposure. <i>Construction and Building Materials</i> , 2020, 244, 118397. | 3.2 | 39 |
| 26 | A multiple-step strategy for screening <i>Saccharomyces cerevisiae</i> strains with improved acid tolerance and aroma profiles. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 3097-3107. | 1.7 | 19 |
| 27 | Molecular Dynamics Simulation on the Scaling Relation of Single Polymer Chain Diffusion on Single Wall Carbon Nanotube. <i>Soft Materials</i> , 2020, 18, 177-184. | 0.8 | 1 |
| 28 | Transverse impact behavior of high-strength concrete filled normal-/high-strength square steel tube columns. <i>International Journal of Impact Engineering</i> , 2020, 139, 103512. | 2.4 | 41 |
| 29 | Modulation of the Gut Microbiota and Liver Transcriptome by Red Yeast Rice and <i>Monascus Pigment</i> Fermented by Purple <i>Monascus SHM1105</i> in Rats Fed with a High-Fat Diet. <i>Frontiers in Pharmacology</i> , 2020, 11, 599760. | 1.6 | 11 |
| 30 | Life-cycle based analytical theory of concrete-filled steel tubular structures and its applications. <i>Chinese Science Bulletin</i> , 2020, 65, 3173-3184. | 0.4 | 13 |
| 31 | Strain-Rate Effect and Constitutive Models for Q550 High-Strength Structural Steel. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 6626-6637. | 1.2 | 27 |
| 32 | The Effect of Blue Light on the Production of Citrinin in <i>Monascus purpureus</i> M9 by Regulating the <i>mraox</i> Gene through lncRNA AOANCR. <i>Toxins</i> , 2019, 11, 536. | 1.5 | 18 |
| 33 | Rate-dependent constitutive models of S690 high-strength structural steel. <i>Construction and Building Materials</i> , 2019, 198, 597-607. | 3.2 | 52 |
| 34 | Creep model of concrete with recycled coarse and fine aggregates that accounts for creep development trend difference between recycled and natural aggregate concrete. <i>Cement and Concrete Composites</i> , 2019, 103, 303-317. | 4.6 | 51 |
| 35 | Compressive Stress–Strain Relationship of Concrete Containing Coarse Recycled Concrete Aggregate at Elevated Temperatures. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, . | 1.3 | 16 |
| 36 | Physicochemical characterization and quality of Dangshan pear wines fermented with different <i>Saccharomyces cerevisiae</i> . <i>Journal of Food Biochemistry</i> , 2019, 43, e12891. | 1.2 | 17 |

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|----|---|-----|-----------|
| 37 | MicroRNA-132 regulates total protein of Nav1.1 and Nav1.2 in the hippocampus and cortex of rat with chronic cerebral hypoperfusion. <i>Behavioural Brain Research</i> , 2019, 366, 118-125. | 1.2 | 10 |
| 38 | Experimental and numerical study on behaviour of square steel tube confined reinforced concrete stub columns after fire exposure. <i>Thin-Walled Structures</i> , 2019, 139, 105-125. | 2.7 | 35 |
| 39 | Association study between genetic polymorphisms in folate metabolism and gastric cancer susceptibility in Chinese Han population: A caseâ€“control study. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e633. | 0.6 | 18 |
| 40 | Effect of elevated temperatures and cooling methods on strength of concrete made with coarse and fine recycled concrete aggregates. <i>Construction and Building Materials</i> , 2019, 210, 540-547. | 3.2 | 70 |
| 41 | Behaviour of concrete-filled corrugated steel tubes under axial compression. <i>Engineering Structures</i> , 2019, 183, 475-495. | 2.6 | 61 |
| 42 | The aromatic volatile composition of <i>Lonicera edulis</i> wines produced with three different strains of <i>Saccharomyces cerevisiae</i> . <i>Journal of the Institute of Brewing</i> , 2019, 125, 100-109. | 0.8 | 4 |
| 43 | Prevention and treatment effects of edible berries for three deadly diseases: Cardiovascular disease, cancer and diabetes. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 1903-1912. | 5.4 | 44 |
| 44 | Residual cube strength of coarse RCA concrete after exposure to elevated temperatures. <i>Fire and Materials</i> , 2018, 42, 424-435. | 0.9 | 41 |
| 45 | Genetic polymorphisms of the drug-metabolizing enzyme CYP2J2 in a Tibetan population. <i>Medicine (United States)</i> , 2018, 97, e12579. | 0.4 | 4 |
| 46 | Application of Reverse Nonequilibrium Molecular Dynamics to the Calculation of the Mutual Diffusion Coefficient of Alkane Mixtures. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9210-9217. | 1.2 | 8 |
| 47 | Fully Atomistic Molecular Dynamics Simulations of the Isothermal Orientation of <i>n</i> -Decanes Confined between Graphene Sheets. <i>Journal of Physical Chemistry C</i> , 2018, 122, 26226-26235. | 1.5 | 7 |
| 48 | Thermal properties of coarse RCA concrete at elevated temperatures. <i>Applied Thermal Engineering</i> , 2018, 140, 180-189. | 3.0 | 53 |
| 49 | Molecular dynamics simulation of the folding of single alkane chains with different lengths on single-walled carbon nanotubes and graphene. <i>Journal of Molecular Modeling</i> , 2018, 24, 140. | 0.8 | 4 |
| 50 | Stressâ€“strain relationship of coarse RCA concrete exposed to elevated temperatures. <i>Magazine of Concrete Research</i> , 2017, 69, 649-664. | 0.9 | 42 |
| 51 | Behaviours of concrete-filled cold-formed elliptical hollow section beam-columns with varying aspect ratios. <i>Thin-Walled Structures</i> , 2017, 120, 9-28. | 2.7 | 39 |
| 52 | Fire performance of non-load-bearing light-gauge slotted steel stud walls. <i>Journal of Constructional Steel Research</i> , 2017, 137, 228-241. | 1.7 | 16 |
| 53 | The molecular mechanisms of <i>Monascus purpureus</i> M9 responses to blue light based on the transcriptome analysis. <i>Scientific Reports</i> , 2017, 7, 5537. | 1.6 | 17 |
| 54 | Behaviour of concrete-filled cold-formed elliptical hollow sections with varying aspect ratios. <i>Thin-Walled Structures</i> , 2017, 110, 47-61. | 2.7 | 59 |

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|----|--|-----|-----------|
| 55 | Post-fire behaviour of eccentrically loaded reinforced concrete columns confined by circular steel tubes. <i>Journal of Constructional Steel Research</i> , 2016, 122, 495-510. | 1.7 | 37 |
| 56 | Extending reverse nonequilibrium molecular dynamics to the calculation of mutual diffusion coefficients in molecular fluid mixtures. <i>Molecular Simulation</i> , 2016, 42, 1379-1384. | 0.9 | 2 |
| 57 | Translocation of alkane through graphene nanopore: A molecular dynamics simulation study. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 302-308. | 0.1 | 4 |
| 58 | Post-fire behaviour of slender reinforced concrete columns confined by circular steel tubes. <i>Thin-Walled Structures</i> , 2015, 87, 12-29. | 2.7 | 53 |
| 59 | Removal of anionic dye from aqueous solution by magnesium silicate gel. <i>Desalination and Water Treatment</i> , 2014, 52, 7685-7692. | 1.0 | 5 |
| 60 | Molecular dynamics simulation of isothermal crystallisation of polymer chains around single polymer lamella. <i>Molecular Simulation</i> , 2014, 40, 1059-1066. | 0.9 | 1 |
| 61 | Post-fire behaviour of reinforced concrete stub columns confined by circular steel tubes. <i>Journal of Constructional Steel Research</i> , 2014, 102, 82-103. | 1.7 | 87 |
| 62 | Aqueous adsorption and removal of organic contaminants by carbon nanotubes. <i>Science of the Total Environment</i> , 2014, 482-483, 241-251. | 3.9 | 318 |
| 63 | Experimental investigation of concrete-filled square hollow section columns subjected to non-uniform exposure. <i>Engineering Structures</i> , 2013, 48, 292-312. | 2.6 | 48 |
| 64 | Predicting glass transition temperature of polyethylene/graphene nanocomposites by molecular dynamic simulation. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 788-792. | 1.3 | 16 |
| 65 | Performance of concrete-filled RHS columns exposed to fire on 3 sides. <i>Engineering Structures</i> , 2013, 56, 1986-2004. | 2.6 | 49 |
| 66 | Wind suction effect on long-span stiffened steel truss bridges during erection. <i>Journal of Constructional Steel Research</i> , 2012, 71, 38-51. | 1.7 | 3 |
| 67 | Comparison of Fire Resistance of Concrete-filled SHS Columns Subjected to 3-sided and 4-sided Exposure. , 2012, , . | | 1 |
| 68 | Fire Resistance of Concrete-Filled Square Hollow Section Columns in Two-Adjacent-Side Fire. <i>Advanced Science Letters</i> , 2012, 9, 952-956. | 0.2 | 0 |
| 69 | Virtual and In vitro bioassay screening of phytochemical inhibitors from flavonoids and isoflavones against Xanthine oxidase and Cyclooxygenase-2 for gout treatment. <i>Chemical Biology and Drug Design</i> , 2011, , no-no. | 1.5 | 8 |
| 70 | Notice of Retraction: Effect of Tric Acid on Secondary Metabolism of <i>Monascus</i> . , 2011, , . | | 0 |
| 71 | Compressive behavior of T-shaped concrete filled steel tubular columns. <i>International Journal of Steel Structures</i> , 2010, 10, 419-430. | 0.6 | 73 |
| 72 | Rapid and Sensitive Analysis of Tannins and Monoterpene Glycosides in <i>Radix Paeoniae Alba</i> Products by HPLC-MS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 2232-2245. | 0.5 | 8 |

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|----|--|-----|-----------|
| 73 | Effects of heating and loading histories on post-fire cooling behaviour of concrete-filled steel tubular columns. <i>Journal of Constructional Steel Research</i> , 2008, 64, 556-570. | 1.7 | 117 |
| 74 | Measurement and Calculation Methods of a Stem Image Information. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2006, 1, 59-63. | 0.2 | 2 |
| 75 | Residual Strength of Concrete Filled RHS Stub Columns after Exposure to High Temperatures. <i>Advances in Structural Engineering</i> , 2002, 5, 123-134. | 1.2 | 50 |
| 76 | Residual strength of concrete-filled RHS columns after exposure to the ISO-834 standard fire. <i>Thin-Walled Structures</i> , 2002, 40, 991-1012. | 2.7 | 55 |