

Rajbharan Yadav

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

528
citations

567281

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h-index

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23
docs citations

23
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citing authors

#	ARTICLE	IF	CITATIONS
1	Two Mechanisms of Killing of <i>Pseudomonas aeruginosa</i> by Tobramycin Assessed at Multiple Inocula via Mechanism-Based Modeling. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2315-2327.	3.2	76
2	TGF β 2 and TGF β 3 isoforms drive fibrotic disease pathogenesis. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	56
3	Novel Approach To Optimize Synergistic Carbapenem-Aminoglycoside Combinations against Carbapenem-Resistant <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2286-2298.	3.2	52
4	Aminoglycoside Concentrations Required for Synergy with Carbapenems against <i>Pseudomonas aeruginosa</i> Determined via Mechanistic Studies and Modeling. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	31
5	Optimization of a Meropenem-Tobramycin Combination Dosage Regimen against Hypermutable and Nonhypermutable <i>Pseudomonas aeruginosa</i> via Mechanism-Based Modeling and the Hollow-Fiber Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	31
6	Optimization of Synergistic Combination Regimens against Carbapenem- and Aminoglycoside-Resistant Clinical <i>Pseudomonas aeruginosa</i> Isolates via Mechanism-Based Pharmacokinetic/Pharmacodynamic Modeling. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	27
7	Prescription Pattern of Antihypertensive Agents in T2DM Patients Visiting Tertiary Care Centre in North India. <i>International Journal of Hypertension</i> , 2012, 2012, 1-9.	1.3	26
8	Meropenem Combined with Ciprofloxacin Combats Hypermutable <i>Pseudomonas aeruginosa</i> from Respiratory Infections of Cystic Fibrosis Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	26
9	Conjugation of 10 kDa Linear PEG onto Trastuzumab Fab ϵ Is Sufficient to Significantly Enhance Lymphatic Exposure while Preserving in Vitro Biological Activity. <i>Molecular Pharmaceutics</i> , 2016, 13, 1229-1241.	4.6	25
10	Optimization and Evaluation of Piperacillin-Tobramycin Combination Dosage Regimens against <i>Pseudomonas aeruginosa</i> for Patients with Altered Pharmacokinetics via the Hollow-Fiber Infection Model and Mechanism-Based Modeling. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	21
11	Meropenem-Tobramycin Combination Regimens Combat Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> in the Hollow-Fiber Infection Model Simulating Augmented Renal Clearance in Critically Ill Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 64, .	3.2	21
12	<i>Bacillus Calmette-Guérin</i> vaccine induces a selective serotonin reuptake inhibitor (SSRI)-resistant depression like phenotype in mice. <i>Brain, Behavior, and Immunity</i> , 2014, 42, 204-211.	4.1	20
13	Population Pharmacokinetic Modeling of the Enterohepatic Recirculation of Fimasartan in Rats, Dogs, and Humans. <i>AAPS Journal</i> , 2015, 17, 1210-1223.	4.4	20
14	Single Intravenous Dose of Novel Flurbiprofen-Loaded Proniosome Formulations Provides Prolonged Systemic Exposure and Anti-inflammatory Effect. <i>Molecular Pharmaceutics</i> , 2016, 13, 3688-3699.	4.6	20
15	Evaluation of Pharmacokinetic/Pharmacodynamic Model-Based Optimized Combination Regimens against Multidrug-Resistant <i>Pseudomonas aeruginosa</i> in a Murine Thigh Infection Model by Using Humanized Dosing Schemes. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	18
16	Oncostatin M expression induced by bacterial triggers drives airway inflammatory and mucus secretion in severe asthma. <i>Science Translational Medicine</i> , 2022, 14, eabf8188.	12.4	17
17	Factors Influencing Magnitude and Duration of Target Inhibition Following Antibody Therapy: Implications in Drug Discovery and Development. <i>AAPS Journal</i> , 2013, 15, 717-727.	4.4	12
18	Combating Carbapenem-Resistant <i>Acinetobacter baumannii</i> by an Optimized Imipenem-plus-Tobramycin Dosage Regimen: Prospective Validation via Hollow-Fiber Infection and Mathematical Modeling. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	10

#	ARTICLE	IF	CITATIONS
19	An integrated approach for characterizing immunogenic responses toward a bispecific antibody. <i>MAbs</i> , 2021, 13, 1944017.	5.2	9
20	Characterizing the time-course of antihypertensive activity and optimal dose range of fimasartan via mechanism-based population modeling. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 107, 32-44.	4.0	4
21	Nonclinical Pharmacokinetics and Pharmacodynamics Characterization of Anti-CD79b/CD3 T Cell-Dependent Bispecific Antibody Using a Surrogate Molecule: A Potential Therapeutic Agent for B Cell Malignancies. <i>Pharmaceutics</i> , 2022, 14, 970.	4.5	4
22	Prescribing pattern of antidiabetic drugs and achievement of glyceemic control in T2DM patients tertiary care hospital in North India. <i>International Journal of Diabetes in Developing Countries</i> , 2013, 33, 140-146.	0.8	2