

# Jody V Vykoukal

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

3,828  
citations

172457

29  
h-index

189892

50  
g-index

50  
all docs

50  
docs citations

50  
times ranked

5942  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blood-Based Biomarker Panel for Personalized Lung Cancer Risk Assessment. <i>Journal of Clinical Oncology</i> , 2022, 40, 876-883.	1.6	43
2	Lead-Time Trajectory of CA19-9 as an Anchor Marker for Pancreatic Cancer Early Detection. <i>Gastroenterology</i> , 2021, 160, 1373-1383.e6.	1.3	77
3	Plasma Based Protein Signatures Associated with Small Cell Lung Cancer. <i>Cancers</i> , 2021, 13, 3972.	3.7	2
4	Extracellular Vesicles in Lung Cancer: Prospects for Diagnostic and Therapeutic Applications. <i>Cancers</i> , 2021, 13, 4604.	3.7	10
5	Multiplex profiling of peritoneal metastases from gastric adenocarcinoma identified novel targets and molecular subtypes that predict treatment response. <i>Gut</i> , 2020, 69, 18-31.	12.1	94
6	Association Between Plasma Diacetylspermine and Tumor Spermine Synthase With Outcome in Triple-Negative Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2020, 112, 607-616.	6.3	40
7	Assessment of DIEP Flap Perfusion with Intraoperative Indocyanine Green Fluorescence Imaging in Vasopressor-Dominated Hemodynamic Support Versus Liberal Fluid Administration: A Randomized Controlled Trial With Breast Cancer Patients. <i>Annals of Surgical Oncology</i> , 2020, 27, 399-406.	1.5	18
8	Plasma-Derived Extracellular Vesicles Convey Protein Signatures That Reflect Pathophysiology in Lung and Pancreatic Adenocarcinomas. <i>Cancers</i> , 2020, 12, 1147.	3.7	20
9	Clinical Impact of DIEP Flap Perforator Characteristics – A Prospective Indocyanine Green Fluorescence Imaging Study. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 1526-1533.	1.0	11
10	Extracellular Vesicles Mediate B Cell Immune Response and Are a Potential Target for Cancer Therapy. <i>Cells</i> , 2020, 9, 1518.	4.1	35
11	Proteome Profiling Uncovers an Autoimmune Response Signature That Reflects Ovarian Cancer Pathogenesis. <i>Cancers</i> , 2020, 12, 485.	3.7	9
12	Amino Acid Oncometabolism and Immunomodulation of the Tumor Microenvironment in Lung Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 276.	2.8	23
13	A Plasma-Derived Protein-Metabolite Multiplexed Panel for Early-Stage Pancreatic Cancer. <i>Journal of the National Cancer Institute</i> , 2019, 111, 372-379.	6.3	79
14	Exosomes harbor B cell targets in pancreatic adenocarcinoma and exert decoy function against complement-mediated cytotoxicity. <i>Nature Communications</i> , 2019, 10, 254.	12.8	120
15	Inflammation-Stimulated Mesenchymal Stromal Cell-Derived Extracellular Vesicles Attenuate Inflammation. <i>Stem Cells</i> , 2018, 36, 79-90.	3.2	180
16	Proteomics Profiling of Exosomes from Primary Mouse Osteoblasts under Proliferation versus Mineralization Conditions and Characterization of Their Uptake into Prostate Cancer Cells. <i>Journal of Proteome Research</i> , 2017, 16, 2709-2728.	3.7	43
17	Plasma-derived extracellular vesicle proteins as a source of biomarkers for lung adenocarcinoma. <i>Oncotarget</i> , 2017, 8, 95466-95480.	1.8	60
18	JNK pathway inhibition selectively primes pancreatic cancer stem cells to TRAIL-induced apoptosis without affecting the physiology of normal tissue resident stem cells. <i>Oncotarget</i> , 2016, 7, 9890-9906.	1.8	24

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19	Differential Effects of Coating Materials on Viability and Migration of Schwann Cells. <i>Materials</i> , 2016, 9, 150.	2.9	12
20	Peripheral Motor and Sensory Nerve Conduction following Transplantation of Undifferentiated Autologous Adipose Tissue-derived Stem Cells in a Biodegradable U.S. Food and Drug Administration-approved Nerve Conduit. <i>Plastic and Reconstructive Surgery</i> , 2016, 138, 132-139.	1.4	37
21	Cell surface galectin-3 defines a subset of chemoresistant gastrointestinal tumor-initiating cancer cells with heightened stem cell characteristics. <i>Cell Death and Disease</i> , 2016, 7, e2337-e2337.	6.3	25
22	Low expression of galectin-3 is associated with poor survival in node-positive breast cancers and mesenchymal phenotype in breast cancer stem cells. <i>Breast Cancer Research</i> , 2016, 18, 97.	5.0	28
23	Improved Method for Isolation of Neonatal Rat Cardiomyocytes with Increased Yield of C-Kit+ Cardiac Progenitor Cells. <i>Journal of Stem Cell Research &amp; Therapy</i> , 2015, 05, 1-8.	0.3	22
24	Targeting the neurokinin-1 receptor inhibits growth of human colon cancer cells. <i>International Journal of Oncology</i> , 2015, 47, 151-160.	3.3	44
25	RSPO2 Enhances Canonical Wnt Signaling to Confer Stemness-Associated Traits to Susceptible Pancreatic Cancer Cells. <i>Cancer Research</i> , 2015, 75, 1883-1896.	0.9	65
26	Targeting the Neurokinin-1 Receptor Compromises Canonical Wnt Signaling in Hepatoblastoma. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 2712-2721.	4.1	43
27	Long-term results after modified Epping procedure for trapeziometacarpal osteoarthritis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2015, 135, 1475-1484.	2.4	6
28	Two sides of the same coin: stem cells in cancer and regenerative medicine. <i>FASEB Journal</i> , 2014, 28, 2748-2761.	0.5	38
29	Benchtop isolation and characterization of functional exosomes by sequential filtration. <i>Journal of Chromatography A</i> , 2014, 1371, 125-135.	3.7	212
30	Stem cell-mediated delivery of SPIO-loaded gold nanoparticles for the theranosis of liver injury and hepatocellular carcinoma. <i>Nanotechnology</i> , 2014, 25, 405101.	2.6	43
31	Type I Collagen Nerve Conduits for Median Nerve Repairs in the Forearm. <i>Journal of Hand Surgery</i> , 2013, 38, 1119-1124.	1.6	31
32	Percutaneous Intraportal Application of Adipose Tissue-derived Mesenchymal Stem Cells Using a Balloon Occlusion Catheter in a Porcine Model of Liver Fibrosis. <i>Journal of Vascular and Interventional Radiology</i> , 2013, 24, 1871-1878.	0.5	12
33	Noninvasive in vivo assessment of muscle impairment in the mdx mouse model - A comparison of two common wire hanging methods with two different results. <i>Journal of Neuroscience Methods</i> , 2012, 203, 292-297.	2.5	49
34	Human adipose tissue-derived stem cells exhibit proliferation potential and spontaneous rhythmic contraction after fusion with neonatal rat cardiomyocytes. <i>FASEB Journal</i> , 2011, 25, 830-839.	0.5	38
35	Adipose tissue-derived stem cells promote prostate tumor growth. <i>Prostate</i> , 2010, 70, 1709-1715.	2.3	137
36	Breast cancer cells attract the migration of adipose tissue-derived stem cells via the PDGF-BB/PDGFR- $\beta$ signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 601-605.	2.1	56

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37	Targeted mass spectrometric analysis of N-terminally truncated isoforms generated via alternative translation initiation. <i>FEBS Letters</i> , 2009, 583, 2441-2445.	2.8	16
38	Quantitative Detection of Bioassays with a Low-Cost Image Sensor Array for Integrated Microsystems. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7649-7654.	13.8	26
39	Dielectric characterization of complete mononuclear and polymorphonuclear blood cell subpopulations for label-free discrimination. <i>Integrative Biology (United Kingdom)</i> , 2009, 1, 477.	1.3	64
40	Magnetic resonance imaging as a novel method of characterization of cutaneous photoaging in a murine model. <i>Archives of Dermatological Research</i> , 2008, 300, 263-267.	1.9	4
41	Enrichment of putative stem cells from adipose tissue using dielectrophoretic field-flow fractionation. <i>Lab on A Chip</i> , 2008, 8, 1386.	6.0	136
42	Liposome-mediated transfection with extract from neonatal rat cardiomyocytes induces transdifferentiation of human adipose-derived stem cells into cardiomyocytes. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008, 68, 464-472.	1.2	10
43	A High-Voltage SOI CMOS Exciter Chip for a Programmable Fluidic Processor System. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2007, 1, 105-115.	4.0	7
44	A Continuous-Flow Polymerase Chain Reaction Microchip With Regional Velocity Control. <i>Journal of Microelectromechanical Systems</i> , 2006, 15, 223-236.	2.5	61
45	Dielectrophoresis-based programmable fluidic processors. <i>Lab on A Chip</i> , 2004, 4, 299.	6.0	181
46	Droplet-based chemistry on a programmable micro-chip. <i>Lab on A Chip</i> , 2004, 4, 11.	6.0	234
47	Dielectrically Addressable Microspheres Engineered Using Self-Assembled Monolayers. <i>Langmuir</i> , 2003, 19, 2425-2433.	3.5	15
48	Particle separation by dielectrophoresis. <i>Electrophoresis</i> , 2002, 23, 1973.	2.4	731
49	Cell Separation by Dielectrophoretic Field-flow-fractionation. <i>Analytical Chemistry</i> , 2000, 72, 832-839.	6.5	399
50	Separation of Polystyrene Microbeads Using Dielectrophoretic/Gravitational Field-Flow-Fractionation. <i>Biophysical Journal</i> , 1998, 74, 2689-2701.	0.5	158