# Dong H Kim

## List of Publications by Year in descending order



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|---|---|---|---|
| 83 papers | 4,562 citations | 117453 34 h-index | 106150 65 g-index |
| 84 all docs | 84 docs citations | 84 times ranked | 6126 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Hypothermia for Patients Requiring Evacuation of Subdural Hematoma: A Multicenter Randomized Clinical Trial. Neurocritical Care, 2022, 36, 560-572. | 1.2 | 7 |
| 2 | Systematic analysis of purified astrocytes after SCI unveils Zeb2os function during astrogliosis. Cell Reports, 2021, 34, 108721. | 2.9 | 14 |
| 3 | Germline and somatic mutations in the pathology of pineal cyst: A wholeâ€exome sequencing study of 93 individuals. Molecular Genetics & Genomic Medicine, 2021, 9, e1691. | 0.6 | 2 |
| 4 | Genomic alterations predictive of response to radiosurgery in recurrent IDH-WT glioblastoma. Journal of Neuro-Oncology, 2021, 152, 153-162. | 1.4 | 5 |
| 5 | Podosome formation impairs endothelial barrier function by sequestering zonula occludens proteins. Journal of Cellular Physiology, 2020, 235, 4655-4666. | 2.0 | 5 |
| 6 | Strategies to Modulate MicroRNA Functions for the Treatment of Cancer or Organ Injury. Pharmacological Reviews, 2020, 72, 639-667. | 7.1 | 45 |
| 7 | Cover Image, Volume 235, Number 5, May 2020. Journal of Cellular Physiology, 2020, 235, ii. | 2.0 | 0 |
| 8 | Intracranial Aneurysms: Pathology, Genetics, and Molecular Mechanisms. NeuroMolecular Medicine, 2019, 21, 325-343. | 1.8 | 59 |
| 9 | Gamma Knife Stereotactic Radiosurgery in Combination with Bevacizumab for Recurrent Glioblastoma. World Neurosurgery, 2019, 127, e523-e533. | 0.7 | 33 |
| 10 | Variance Reduction in Neurosurgical Practice: The Case for Analytics-Driven Decision Support in the Era of Big Data. World Neurosurgery, 2019, 126, e190-e195. | 0.7 | 4 |
| 11 | Synergistic anticancer effect of acteoside and temozolomide-based glioblastoma chemotherapy. International Journal of Molecular Medicine, 2019, 43, 1478-1486. | 1.8 | 11 |
| 12 | Inflammation in delayed ischemia and functional outcomes after subarachnoid hemorrhage. Journal of Neuroinflammation, 2019, 16, 213. | 3.1 | 49 |
| 13 | The Subarachnoid Hemorrhage Early Brain Edema Score Predicts Delayed Cerebral Ischemia and Clinical Outcomes. Neurosurgery, 2018, 83, 137-145. | 0.6 | 112 |
| 14 | Apolipoprotein E as a novel therapeutic neuroprotection target after traumatic spinal cord injury. Experimental Neurology, 2018, 299, 97-108. | 2.0 | 28 |
| 15 | Early Brain Injury Associated with Systemic Inflammation After Subarachnoid Hemorrhage. Neurocritical Care, 2018, 28, 203-211. | 1.2 | 59 |
| 16 | Disruption of thrombo-inflammatory response and activation of a distinct cytokine cluster after subarachnoid hemorrhage. Cytokine, 2018, 111, 334-341. | 1.4 | 13 |
| 17 | Promoter methylation of Wrap53Î±, an antisense transcript of p53, is associated with the poor prognosis of patients with nonâ€‘small cell lung cancer. Oncology Letters, 2018, 16, 5823-5828. | 0.8 | 14 |
| 18 | Hypermethylation of normal mucosa of esophagusâ€‘specificï¿½1 is associated with an unfavorable prognosis in patients with nonâ€‘small cell lung cancer. Oncology Letters, 2018, 16, 2409-2415. | 0.8 | 4 |

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|---|---|---|---|
| 19 | Familial Syndromes Involving Meningiomas Provide Mechanistic Insight Into Sporadic Disease. Neurosurgery, 2018, 83, 1107-1118. | 0.6 | 50 |
| 20 | Precision Tagging: A Novel Seamless Protein Tagging by Combinational Use of Type II and Type IIS Restriction Endonucleases. Bio-protocol, 2018, 8, . | 0.2 | 1 |
| 21 | The systematic analysis of coding and long non-coding RNAs in the sub-chronic and chronic stages of spinal cord injury. Scientific Reports, 2017, 7, 41008. | 1.6 | 46 |
| 22 | Human neural progenitors derived from integration-free iPSCs for SCI therapy. Stem Cell Research, 2017, 19, 55-64. | 0.3 | 37 |
| 23 | â€œThe Coming Changes in Neurosurgical Practiceâ€• A Supplement to Neurosurgery. Neurosurgery, 2017, 80, S1-S3. | 0.6 | 8 |
| 24 | Neurosurgical Practice in Transition: A Review. Neurosurgery, 2017, 80, S4-S9. | 0.6 | 18 |
| 25 | Highly efficient one-step scarless protein tagging by type IIS restriction endonuclease-mediated precision cloning. Biochemical and Biophysical Research Communications, 2017, 490, 8-16. | 1.0 | 3 |
| 26 | Systematic model of peripheral inflammation after subarachnoid hemorrhage. Neurology, 2017, 88, 1535-1545. | 1.5 | 36 |
| 27 | Selective Y centromere inactivation triggers chromosome shattering in micronuclei and repair by non-homologous end joining. Nature Cell Biology, 2017, 19, 68-75. | 4.6 | 207 |
| 28 | Loss-of-Function Mutations in YY1AP1 Lead to Grange Syndrome and a Fibromuscular Dysplasia-Like Vascular Disease. American Journal of Human Genetics, 2017, 100, 21-30. | 2.6 | 54 |
| 29 | The Intracranial Aneurysm Gene THSD1 Connects Endosome Dynamics to Nascent Focal Adhesion Assembly. Cellular Physiology and Biochemistry, 2017, 43, 2200-2211. | 1.1 | 9 |
| 30 | Neurosurgical Education in a Changing Healthcare and Regulatory Environment: A Consensus Statement from 6 Programs. Neurosurgery, 2017, 80, S75-S82. | 0.6 | 18 |
| 31 | In Reply: Neurosurgical Education in a Changing Healthcare and Regulatory Environment: A Consensus Statement From 6 Programs. Neurosurgery, 2017, 81, E47. | 0.6 | 3 |
| 32 | Effects of Propofol Treatment in Neural Progenitors Derived from Human-Induced Pluripotent Stem Cells. Neural Plasticity, 2017, 2017, 1-12. | 1.0 | 7 |
| 33 | A Direct Experience in a New Accountable Care Organization: Results, Challenges, and the Role of the Neurosurgeon. Neurosurgery, 2017, 80, S42-S49. | 0.6 | 9 |
| 34 | A Review and Survey of Neurosurgeonâ€“Hospital Relationships: Evolution and Options. Neurosurgery, 2017, 80, S10-S18. | 0.6 | 7 |
| 35 | Quality Programs in Neurosurgery: The Memorial Hermann/University of Texas Experience. Neurosurgery, 2017, 80, S65-S74. | 0.6 | 9 |
| 36 | Metformin treatment reduces temozolomide resistance of glioblastoma cells. Oncotarget, 2016, 7, 78787-78803. | 0.8 | 56 |

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|---|---|---|---|
| 37 | THSD1 (Thrombospondin Type 1 Domain Containing Protein 1) Mutation in the Pathogenesis of Intracranial Aneurysm and Subarachnoid Hemorrhage. Stroke, 2016, 47, 3005-3013. | 1.0 | 39 |
| 38 | Quantification of Cerebral Edema After Subarachnoid Hemorrhage. Neurocritical Care, 2016, 25, 64-70. | 1.2 | 26 |
| 39 | Human Induced Pluripotent Stem CellNEUROG2Dual Knockin Reporter Lines Generated by the CRISPR/Cas9 System. Stem Cells and Development, 2015, 24, 2925-2942. | 1.1 | 24 |
| 40 | Microsurgical clip reconstruction techniques for aneurysms with significant calcified neck. Neurosurgical Focus, 2015, 39, V12. | 1.0 | 0 |
| 41 | Î´â€Opioid receptors upâ€regulate excitatory amino acid transporters in mouse astrocytes. British Journal of Pharmacology, 2014, 171, 5417-5430. | 2.7 | 35 |
| 42 | Neuroprotection against hypoxia/ischemia: Î´-opioid receptor-mediated cellular/molecular events. Cellular and Molecular Life Sciences, 2013, 70, 2291-2303. | 2.4 | 77 |
| 43 | ZIP4 is a novel molecular marker for glioma. Neuro-Oncology, 2013, 15, 1008-1016. | 0.6 | 53 |
| 44 | Transplantation of D15A-Expressing Glial-Restricted-Precursor-Derived Astrocytes Improves Anatomical and Locomotor Recovery after Spinal Cord Injury. International Journal of Biological Sciences, 2013, 9, 78-93. | 2.6 | 34 |
| 45 | RNA-Seq Characterization of Spinal Cord Injury Transcriptome in Acute/Subacute Phases: A Resource for Understanding the Pathology at the Systems Level. PLoS ONE, 2013, 8, e72567. | 1.1 | 86 |
| 46 | Î´-Opioid Receptor Activation Modified MicroRNA Expression in the Rat Kidney under Prolonged Hypoxia. PLoS ONE, 2013, 8, e61080. | 1.1 | 15 |
| 47 | Hydrogen Sulfide Induced Disruption of Na+ Homeostasis in the Cortex. Toxicological Sciences, 2012, 128, 198-208. | 1.4 | 15 |
| 48 | The management of skull base tumors. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 105, 657-664. | 1.0 | 1 |
| 49 | Dissecting Aneurysms of the Posterior Cerebral Artery. Neurosurgery, 2012, 70, 1581-1588. | 0.6 | 17 |
| 50 | Î´-Opioid Receptor Activation and MicroRNA Expression of the Rat Cortex in Hypoxia. PLoS ONE, 2012, 7, e51524. | 1.1 | 21 |
| 51 | DOR activation inhibits anoxic/ischemic Na+ influx through Na+ channels via PKC mechanisms in the cortex. Experimental Neurology, 2012, 236, 228-239. | 2.0 | 27 |
| 52 | Targeting different types of human meningioma and glioma cells using a novel adenoviral vector expressing GFP-TRAIL fusion protein from hTERT promoter. Cancer Cell International, 2011, 11, 35. | 1.8 | 13 |
| 53 | Artifact quantification and tractography from 3T MRI after placement of aneurysm clips in subarachnoid hemorrhage patients. BMC Medical Imaging, 2011, 11, 19. | 1.4 | 14 |
| 54 | Autosomal dominant inheritance of a predisposition to thoracic aortic aneurysms and dissections and intracranial saccular aneurysms. American Journal of Medical Genetics, Part A, 2011, 155, 2125-2130. | 0.7 | 38 |

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|---|---|---|---|
| 55 | Astrocytes from the Contused Spinal Cord Inhibit Oligodendrocyte Differentiation of Adult Oligodendrocyte Precursor Cells by Increasing the Expression of Bone Morphogenetic Proteins. Journal of Neuroscience, 2011, 31, 6053-6058. | 1.7 | 148 |
| 56 | Pathobiology of Intracranial Aneurysms. , 2011, , 3747-3755. | | 5 |
| 57 | De novo ACTA2 mutation causes a novel syndrome of multisystemic smooth muscle dysfunction. American Journal of Medical Genetics, Part A, 2010, 152A, 2437-2443. | 0.7 | 217 |
| 58 | Transplantation of Ciliary Neurotrophic Factor-Expressing Adult Oligodendrocyte Precursor Cells Promotes Remyelination and Functional Recovery after SpinalCord Injury. Journal of Neuroscience, 2010, 30, 2989-3001. | 1.7 | 193 |
| 59 | Genomewide Linkage in a Large Caucasian Family Maps a New Locus for Intracranial Aneurysms to Chromosome 13q. Stroke, 2009, 40, S57-60. | 1.0 | 19 |
| 60 | Sequencing of TGF-Î² Pathway Genes in Familial Cases of Intracranial Aneurysm. Stroke, 2009, 40, 1604-1611. | 1.0 | 26 |
| 61 | Mutations in Smooth Muscle Alpha-Actin (ACTA2) Cause Coronary Artery Disease, Stroke, and Moyamoya Disease, Along with Thoracic Aortic Disease. American Journal of Human Genetics, 2009, 84, 617-627. | 2.6 | 466 |
| 62 | ORBITOCRANIAL WOODEN FOREIGN BODY. Neurosurgery, 2009, 65, E383-E384. | 0.6 | 46 |
| 63 | Three-Day Phenytoin Prophylaxis is Adequate after Subarachnoid Hemorrhage. Neurosurgery, 2007, 61, E1340. | 0.6 | 1 |
| 64 | Ethnic differences in risk factors for subarachnoid hemorrhage. Journal of Neurosurgery, 2007, 107, 522-529. | 0.9 | 10 |
| 65 | THREE-DAY PHENYTOIN PROPHYLAXIS IS ADEQUATE AFTER SUBARACHNOID HEMORRHAGE. Neurosurgery, 2007, 60, 99-103. | 0.6 | 65 |
| 66 | Mutations in smooth muscle Î±-actin (ACTA2) lead to thoracic aortic aneurysms and dissections. Nature Genetics, 2007, 39, 1488-1493. | 9.4 | 767 |
| 67 | The role of MMP-2 and MMP-9 polymorphisms in sporadic intracranial aneurysms. Journal of Neurosurgery, 2006, 105, 418-423. | 0.9 | 122 |
| 68 | Familial Aggregation of Both Aortic and Cerebral Aneurysms: Evidence for a Common Genetic Basis in a Subset of Families. Neurosurgery, 2005, 56, 655-661. | 0.6 | 38 |
| 69 | Reduction of Pulmonary Edema After SAH With a Pulmonary Artery Catheter-Guided Hemodynamic Management Protocol. Neurocritical Care, 2005, 3, 011-015. | 1.2 | 25 |
| 70 | BDNF Protects Neurons Following Injury by Modulation of Caspase Activity. Neurocritical Care, 2005, 3, 071-076. | 1.2 | 27 |
| 71 | Lack of an association between the angiotensin-converting enzyme insertion/deletion polymorphism and intracranial aneurysms in a Caucasian population in the United States. Journal of Neurosurgery, 2005, 103, 92-96. | 0.9 | 18 |
| 72 | Utility of Outcome Measures After Treatment for Intracranial Aneurysms. Stroke, 2005, 36, 792-796. | 1.0 | 56 |

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|---|---|---|---|
| 73 | Prevention of apoptotic but not necrotic cell death following neuronal injury by neurotrophins signaling through the tyrosine kinase receptor. Journal of Neurosurgery, 2004, 100, 79-87. | 0.9 | 38 |
| 74 | Therapeutic hypertension: principles and methods. Neurosurgical Review, 2004, 27, 236. | 1.2 | 0 |
| 75 | Incidence of Familial Intracranial Aneurysms in 200 Patients: Comparison among Caucasian, African-American, and Hispanic Populations. Neurosurgery, 2003, 53, 302-308. | 0.6 | 25 |
| 76 | Increases in Cardiac Output Can Reverse Flow Deficits from Vasospasm Independent of Blood Pressure: A Study Using Xenon Computed Tomographic Measurement of Cerebral Blood Flow. Neurosurgery, 2003, 53, 1044-1052. | 0.6 | 164 |
| 77 | Induction of heme oxygenase-1 (HO-1) in the contused spinal cord of the rat. Brain Research, 1998, 795, 17-24. | 1.1 | 54 |
| 78 | Genetic analysis of glioblastoma multiforme provides evidence for subgroups within the grade. , 1998, 21, 195-206. | | 74 |
| 79 | Analyses of brain tumor cell lines confirm a simple model of relationships among fluorescence in situ hybridization, DNA index, and comparative genomic hybridization. , 1997, 20, 311-319. | | 32 |
| 80 | Treatment with genetically engineered fibroblasts producing NGF or BDNF can accelerate recovery from traumatic spinal cord injury in the adult rat. NeuroReport, 1996, 7, 2221-2230. | 0.6 | 88 |
| 81 | Chromosomal abnormalities in glioblastoma multiforme tumors and glioma cell lines detected by comparative genomic hybridization. International Journal of Cancer, 1995, 60, 812-819. | 2.3 | 106 |
| 82 | Detection of multiple gains and losses of genetic material in ten glioma cell lines by comparative genomic hybridization. Genes Chromosomes and Cancer, 1995, 13, 86-93. | 1.5 | 77 |
| 83 | Morphine analgesia and acute physical dependence: rapid onset of two opposing, dose-related processes. Brain Research, 1990, 516, 37-40. | 1.1 | 74 |